

# Statistical Indicators

## Summary Data

**Table 1—Key Statistical Indicators of the Food & Fiber Sector**

	1997			1998				1999		
	1997	1998 F	1999 F	IV	I	II	III	IV	I	II
Prices received by farmers (1990-92=100)	107	--	--	106	102	103	--	--	--	--
Livestock & products	98	--	--	97	94	96	--	--	--	--
Crops	115	--	--	113	110	112	--	--	--	--
Prices paid by farmers (1990-92=100)							--	--	--	--
Production items	117	--	--	116	115	114	--	--	--	--
Commodities and services, interest, taxes, and wages	117	--	--	117	117	116	--	--	--	--
Cash receipts (\$ bil.) <sup>1</sup>	209	198	--	64	49	43	48	58	--	--
Livestock	97	93	--	25	23	23	24	24	--	--
Crops	112	105	--	39	26	21	24	34	--	--
Market basket (1982-84=100)										
Retail cost	160	--	--	161	162	162	163	--	--	--
Farm value	106	--	--	105	102	104	103	--	--	--
Spread	189	--	--	191	194	194	195	--	--	--
Farm value/retail cost (%)	23	--	--	23	23	22	22	--	--	--
Retail Prices (1982-84=100)										
All food	157	161	163	159	160	160	161	161	163	163
At home	158	161	163	159	160	160	161	161	163	163
Away from home	157	161	165	159	160	161	162	163	164	165
Agricultural exports (\$ bil.) <sup>2</sup>	57.4	54.5	52.0	13.2	12.9	16.3	14.3	11.8	14.3	13.7
Agricultural imports (\$ bil.) <sup>2</sup>	35.8	38.0	39.5	9.3	8.7	9.2	9.8	9.7	10.4	9.7
Commercial production										
Red meat (mil. lb.)	43,209	44,929	43,815	11,167	11,038	11,015	11,380	11,496	10,846	10,788
Poultry (mil. lb.)	33,258	33,527	34,995	8,383	8,258	8,453	8,366	8,450	8,410	8,870
Eggs (mil. doz.)	6,460	6,635	6,790	1,667	1,637	1,635	1,653	1,710	1,665	1,675
Milk (bil. lb.)	156.6	157.4	160.1	38.2	39.2	40.9	38.7	38.5	39.8	41.5
Consumption, per capita										
Red meat and poultry (lb.)	208.6	214.0	214.0	53.9	51.7	52.3	54.0	56.0	52.1	53.0
Corn beginning stocks (mil. bu.) <sup>3</sup>	425.9	883.2	1,433.7	2,496.6	883.2	7,246.8	4,939.9	3,039.1	--	--
Corn use (mil. bu.) <sup>3</sup>	8,849.5	8,825.0	--	1,617.1	3,004.2	2,307.8	1,904.4	--	--	--
Prices <sup>4</sup>										
Choice steers--Neb. Direct (\$/cwt)	66.32	62.47	70-75	66.61	61.73	64.16	58.97	64-66	69-73	72-78
Barrows and gilts--IA, So. MN (\$/cwt)	51.36	32.87	33-35	43.53	34.74	39.42	33.30	23-25	32-34	35-37
Broilers--12-city (cents/lb.)	58.80	62.70	56-60	54.00	56.40	61.00	70.40	62-64	56-60	57-61
Eggs--NY gr. A large (cents/doz.)	81.20	76.10	70-75	88.20	79.00	66.50	76.00	82-84	73-77	62-68
Milk--all at plant \$/cwt)	13.34	15.25-	13.70-	14.53	14.60	13.73	15.37	17.35-	15.30-	12.90-
			15.35	14.60				17.65	15.90	13.80
Wheat--KC HRW ordinary (\$/bu.)	4.16	--	--	3.82	3.62	3.32	--	--	--	--
Corn--Chicago (\$/bu.)	2.78	--	--	2.74	2.72	2.49	--	--	--	--
Soybeans--Chicago (\$/bu.)	7.63	--	--	6.95	6.68	6.95	--	--	--	--
Cotton--avg. spot 41-34 (cents/lb)	69.89	--	--	67.64	64.48	66.86	--	--	--	--
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Farm real estate values <sup>5</sup>										
Nominal (\$ per acre)	668	683	703	713	736	782	832	890	945	1,000
Real (1982 \$)	539	528	521	507	511	529	550	574	598	620

F = Forecast. -- = Not available. 1. Quarterly data seasonally adjusted at annual rates. 2. Annual data based on Oct.-Sept. fiscal years ending with year indicated. 3. Sept.-Nov. first quarter; Dec.-Feb. second quarter; Mar.-May third quarter; Jun.-Aug. fourth quarter; Sept.-Aug. annual. Use includes exports and domestic disappearance. 4. Simple averages, Jan.-Dec. 5. 1990-98 values as of January 1. 1989 values as of February 1.

## U.S. & Foreign Economic Data

**Table 2—U.S. Gross Domestic Product & Related Data**

	1996											1997			1998		
	1995	1996	1997	IV	I	II	III	IV	I	II							
	<i>Billions of current dollars (quarterly data seasonally adjusted at annual rates)</i>																
Gross Domestic Product	7,265.4	7,636.0	8,110.9	7,792.9	7,933.6	8,063.4	8,170.8	8,254.5	8,384.2	8,440.6							
Gross National Product	7,287.1	7,674.0	8,102.9	7,829.0	7,952.4	8,062.3	8,162.0	8,234.9	8,369.4	8,421.8							
Personal consumption expenditures	4,957.7	5,207.6	5,493.7	5,308.1	5,405.7	5,438.8	5,540.3	5,593.2	5,676.5	5,773.7							
Durable goods	608.5	634.5	673.0	638.2	658.4	659.9	681.2	682.2	705.1	720.1							
Nondurable goods	1,475.8	1,534.7	1,600.6	1,560.1	1,587.4	1,588.2	1,611.3	1,613.2	1,633.1	1,655.2							
Food	735.1	756.1	780.9	766.6	775.5	775.8	785.3	787.1	796.9	810.2							
Clothing and shoes	254.7	264.3	278.0	266.2	275.2	275.6	280.9	280.7	291.0	295.3							
Services	2,873.4	3,038.4	3,220.1	3,109.8	3,159.9	3,190.7	3,247.9	3,297.8	3,338.2	3,398.4							
Gross private domestic investment	1,038.2	1,116.5	1,256.0	1,151.1	1,193.6	1,259.9	1,265.7	1,292.0	1,366.6	1,345.0							
Fixed investment	1,008.1	1,090.7	1,188.6	1,119.2	1,127.5	1,176.4	1,211.1	1,220.1	1,271.1	1,305.8							
Change in business inventories	30.1	25.9	67.4	31.9	66.1	83.5	54.6	71.9	95.5	39.2							
Net exports of goods and services	-86.0	-94.8	-93.4	-88.6	-98.8	-86.8	-94.7	-98.8	-123.7	-159.3							
Government consumption expenditures and gross investment	1,355.5	1,406.7	1,454.6	1,422.3	1,433.1	1,451.5	1,459.5	1,468.1	1,464.9	1,481.2							
<i>Billions of 1992 dollars (quarterly data seasonally adjusted at annual rates)<sup>1</sup></i>																	
Gross Domestic Product	6,742.1	6,928.4	7,269.8	7,017.4	7,101.6	7,236.5	7,311.2	7,364.6	7,464.7	7,498.6							
Gross National Product	6,779.5	7,008.4	7,266.2	7,105.3	7,167.8	7,239.3	7,307.0	7,350.7	7,455.2	7,485.9							
Personal consumption expenditures	4,595.3	4,714.1	4,913.5	4,756.4	4,818.1	4,872.7	4,947.0	4,981.0	5,055.1	5,130.2							
Durable goods	583.6	611.1	668.6	617.1	637.8	653.8	679.6	684.8	710.3	729.4							
Nondurable goods	1,412.6	1,432.3	1,486.3	1,441.2	1,457.8	1,477.1	1,495.7	1,494.3	1,521.2	1,540.9							
Food	690.5	689.7	699.3	689.0	694.6	697.3	700.6	699.9	706.8	716.3							
Clothing and shoes	257.5	267.7	288.4	270.0	277.1	283.3	291.9	292.3	307.4	311.4							
Services	2,599.6	2,671.0	2,761.5	2,698.2	2,723.9	2,743.6	2,775.4	2,804.8	2,829.3	2,866.8							
Gross private domestic investment	991.5	1,069.1	1,206.4	1,104.8	1,149.2	1,211.3	1,215.8	1,241.9	1,321.8	1,306.5							
Fixed investment	962.1	1,041.7	1,138.0	1,068.7	1,079.0	1,127.0	1,159.3	1,169.5	1,224.9	1,264.1							
Change in business inventories	27.3	25.0	63.2	32.9	63.7	79.0	51.0	66.5	91.4	38.2							
Net exports of goods and services	-98.8	-114.4	-136.1	-105.6	-126.3	-131.6	-142.4	-149.0	-198.5	-245.2							
Government consumption expenditures and gross investment	1,251.9	1,257.9	1,285.0	1,261.8	1,260.5	1,284.4	1,288.9	1,289.2	1,283.0	1,294.8							
GDP implicit price deflator (% change)	2.3	1.9	1.9	1.8	2.8	1.6	1.2	1.2	0.8	0.9							
Disposable personal income (\$ bil.)	5,277.0	5,534.7	5,795.1	5,630.1	5,711.2	5,767.9	5,821.8	5,879.4	5,937.1	5,988.9							
Disposable per. income (1992 \$ bil.)	4,906.0	5,043.0	5,183.1	5,089.0	5,130.8	5,167.5	5,198.4	5,235.8	5,287.1	5,321.5							
Per capita disposable pers. income (\$)	20,050	20,840	21,633	21,127	21,391	21,558	21,709	21,871	22,046	22,192							
Per capita disp. pers. income (1992 \$)	18,640	18,989	19,349	19,096	19,217	19,315	19,385	19,478	19,632	19,719							
U.S. resident population plus Armed Forces overseas (mil.) <sup>2</sup>	263.0	265.5	267.9	266.4	266.9	267.5	268.1	268.9	269.3	269.9							
Civilian population (mil.) <sup>2</sup>	261.4	263.9	266.4	264.9	265.4	266.0	266.6	267.3	267.8	268.4							
<i>Annual</i>																	
<i>1997</i>																	
	1995	1996	1997	Aug	Mar	Apr	May	Jun	Jul	Aug							
<i>Monthly data seasonally adjusted</i>																	
Total industrial production (1992=100)	116.0	120.2	127.0	127.9	130.8	131.6	131.7	129.9	129.5	132.0							
Leading economic indicators (1992=100)	100.8	102.0	103.8	104.0	105.2	105.3	105.2	105.0	105.5	105.5							
Civilian employment (mil. persons) <sup>3</sup>	124.9	126.7	129.6	129.7	131.0	131.4	131.5	131.2	131.1	131.2							
Civilian unemployment rate (%) <sup>3</sup>	5.6	5.4	4.9	4.9	4.7	4.3	4.3	4.5	4.5	4.5							
Personal income (\$ bil. annual rate)	6,072.1	6,425.2	6,784.0	6,826.7	7,033.9	7,055.3	7,085.9	7,104.4	7,134.2	7,172.1							
Money stock-M2 (daily avg.) (\$ bil.) <sup>4</sup>	3,651.2	3,826.1	4,045.8	3,957.4	4,133.9	4,167.2	4,177.6	4,196.1	4,212.7	4,242.1							
Three-month Treasury bill rate (%)	5.51	5.02	5.07	5.13	5.03	5.00	5.03	4.99	4.96	4.94							
AAA corporate bond yield (Moody's) (%)	7.59	7.37	7.27	7.22	6.72	6.69	6.69	6.53	6.55	6.52							
Total housing starts (1,000) <sup>5</sup>	1,354.1	1,476.8	1,474.0	1,383	1,585	1,546	1,538	1,620	1,706	1,613							
Business inventory/sales ratio <sup>6</sup>	1.43	1.40	1.38	1.38	1.38	1.39	1.39	1.38	1.38	1.38	--						
Sales of all retail stores (\$ bil.) <sup>7</sup>	2,346.3	2,465.1	2,546.3	216.4	221.1	222.7	225.5	225.6	224.2	224.2							
Nondurable goods stores (\$ bil.)	1,405.6	1,457.8	1,505.4	126.8	128.5	129.3	130.4	130.3	131.0	131.0							
Food stores (\$bil.)	408.4	424.2	432.1	35.9	36.4	36.6	36.8	36.9	37.0	37.3							
Apparel and accessory stores (\$ bil.)	109.5	113.0	116.8	10.1	10.4	10.5	10.4	10.3	10.5	10.5							
Eating and drinking places (\$ bil.)	239.9	238.4	244.1	19.8	20.3	20.3	20.5	20.5	20.4	20.4							

-- = Not available. 1. In April 1996, 1992 dollars replaced 1987 dollars. 2. Population estimates based on 1990 census. 3. Data beginning January 1994 not directly comparable with data for earlier periods because of a major redesign of household survey questionnaire. 4. Annual data as of December of year listed. 5. Private, including farm. 6. Manufacturing and trade. 7. Annual total. Information contact: David Johnson (202) 694-5324

**Table 3—World Economic Growth**

	Calendar year									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	Real GDP, annual percent change									
<b>World</b>	2.6	1.9	1.9	1.6	3.2	2.8	3.4	3.4	1.9	1.7
less U.S.	3.1	3.0	1.6	1.3	3.0	2.9	3.4	3.2	1.3	1.7
<b>Developed Economies</b>	2.7	1.8	1.6	0.8	2.8	2.2	2.8	2.8	2.0	1.6
less U.S.	3.5	3.2	1.0	0.0	2.4	2.1	2.5	2.2	1.1	1.5
United States	1.2	-0.9	2.7	2.3	3.5	2.3	3.4	3.9	3.5	1.7
Canada	0.2	-1.9	0.9	2.5	3.9	2.2	1.2	3.7	2.8	2.5
Japan	5.1	3.8	1.0	0.3	0.7	1.4	4.1	0.8	-2.8	-0.3
Australia	1.5	-0.7	2.4	3.9	5.5	3.5	3.7	3.3	3.5	2.8
European Union	3.1	3.7	1.0	-0.6	3.0	2.4	1.8	2.7	2.9	2.3
<b>Transition Economies</b>	-4.2	-6.9	-11.2	-6.5	-8.8	-1.5	-2.2	1.0	-2.4	-7.7
Eastern Europe	-6.3	-10.6	-4.0	0.8	3.5	5.5	3.1	1.7	2.2	1.7
Poland	-10.8	-6.3	2.0	3.8	4.2	7.1	5.9	7.0	5.9	3.9
Former Soviet Union	-3.5	-5.5	-13.7	-9.3	-13.9	-5.1	-5.1	0.5	-5.3	-14.0
Russia	-3.0	-5.0	-14.5	-8.7	-12.6	-4.1	-4.9	0.8	-5.8	-15.0
<b>Developing Economies</b>	3.8	4.8	6.3	6.2	6.7	5.7	6.4	5.7	2.1	3.1
<b>Asia</b>	5.8	6.6	8.9	8.7	9.4	8.6	8.0	6.7	2.0	3.9
East Asia	5.1	8.7	10.8	10.6	10.7	9.3	8.4	7.8	4.2	5.9
China	3.8	9.3	14.2	13.5	12.6	10.5	9.6	8.8	7.2	7.3
Taiwan	5.4	7.5	6.8	6.3	6.5	6.0	5.7	6.8	5.0	4.4
Korea	9.5	9.2	5.1	5.8	8.8	8.7	7.1	5.5	-5.7	2.2
Southeast Asia	8.2	6.8	6.9	7.4	8.1	8.5	7.5	4.8	-6.8	-2.4
Indonesia	8.9	8.9	7.2	7.2	7.5	8.2	8.0	4.7	-14.7	-6.9
Malaysia	9.7	8.8	7.8	8.4	9.4	9.5	8.0	7.8	-6.0	-0.9
Philippines	2.7	-0.2	0.3	2.1	4.4	4.8	5.7	5.1	-2.2	-3.4
Thailand	11.7	8.0	8.1	8.3	8.8	9.2	6.4	-0.4	-8.0	-1.7
South Asia	5.6	1.2	5.6	4.6	7.0	6.9	7.1	5.3	3.7	3.1
India	5.6	0.5	5.4	4.9	7.5	7.3	7.5	5.5	4.0	3.5
Pakistan	4.5	5.5	7.8	1.9	3.9	5.1	4.6	3.0	2.0	1.0
<b>Latin America</b>	-0.1	3.7	2.9	3.9	5.2	0.2	3.7	4.9	2.2	1.1
Mexico	5.1	4.2	3.6	2.0	4.5	-6.3	5.2	7.0	4.0	3.3
Caribbean/Central	0.7	4.0	8.0	4.9	4.4	2.9	8.1	2.9	4.0	3.6
South America	-1.4	3.5	2.6	4.5	5.4	1.9	3.1	4.5	1.7	0.4
Argentina	0.2	8.9	8.6	6.0	7.4	-4.6	4.4	8.2	4.9	2.6
Brazil	-4.6	0.5	-1.2	4.5	5.8	3.0	2.9	2.9	0.6	-1.5
Colombia	4.1	1.8	4.2	5.2	5.8	5.3	2.4	3.0	2.3	1.6
Venezuela	6.5	9.7	6.1	0.3	-2.9	3.4	-0.4	5.1	-3.0	0.0
<b>Middle East</b>	5.0	2.9	5.5	3.5	0.3	3.5	4.3	4.1	1.2	1.8
Israel	6.8	7.7	5.6	5.6	6.9	7.0	4.6	2.3	1.5	1.8
Saudi Arabia	8.7	8.4	2.8	-0.6	0.5	0.5	1.4	1.9	-1.0	0.5
Turkey	9.3	0.9	6.0	8.0	-5.5	7.0	7.0	7.6	3.8	3.5
<b>Africa</b>	1.6	0.7	1.2	1.3	2.7	2.8	5.0	2.8	3.5	3.4
North Africa	2.2	1.0	2.2	0.1	2.8	2.4	5.6	2.4	4.9	4.3
Egypt	5.6	1.1	4.4	2.9	3.9	4.6	5.0	5.0	5.0	4.7
Sub-Saharan	1.1	0.5	0.3	2.5	2.6	3.2	4.5	3.1	2.2	2.5
South Africa	-0.5	-1.0	-2.6	1.5	2.8	3.1	3.3	1.7	0.8	2.2
Consumer prices, percent change										
Developed Economies	5.2	4.6	3.5	3.0	2.6	2.5	2.4	2.1	2.1	2.0
Transition Economies	38.6	95.8	656.6	609.3	268.4	124.1	41.4	27.8	13.8	8.7
Developing Economies	68.1	36.2	38.3	46.8	50.7	21.7	13.7	8.5	10.2	8.5
Asia	6.5	7.8	6.8	10.3	14.7	11.9	6.7	3.9	8.0	6.2
Latin America	438.3	129.1	151.4	208.8	210.2	35.9	22.3	13.1	9.1	7.4
Middle East	22.4	27.5	25.6	24.6	31.9	35.9	24.5	22.6	26.6	26.3
Africa	17.5	24.3	32.1	31.2	34.6	33.9	26.2	10.5	7.5	6.0

The last three years are either estimates or forecasts. Sources: Oxford Economic Forecasting; International Financial Statistics, IMF. Information contact: Andy Jerardo (202) 694-5323

## Farm Prices

**Table 4—Indexes of Prices Received & Paid by Farmers, U.S. Average**

	Annual			1997			1998				
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct	
<i>1990-92=100</i>											
<b>Prices received</b>											
All farm products	102	112	107	107	103	102	102	101	99	99	
All crops	112	126	115	114	113	107	107	104	101	101	
Food grains	134	157	128	124	109	96	89	85	88	98	
Feed grains and hay	112	146	117	112	108	105	101	91	86	86	
Cotton	127	122	112	115	105	113	110	109	111	114	
Tobacco	103	105	104	103	--	--	94	93	103	107	
Oil-bearing crops	104	128	130	111	112	111	111	98	93	93	
Fruit and nuts, all	100	118	109	120	110	124	131	142	131	127	
Commercial vegetables	120	109	120	146	128	108	122	111	112	140	
Potatoes and dry beans	107	114	93	85	112	105	104	93	89	83	
Livestock and products	92	99	99	97	95	98	96	98	97	98	
Meat animals	85	87	92	89	87	86	79	78	73	75	
Dairy products	98	114	102	108	101	107	108	118	127	132	
Poultry and eggs	107	120	114	108	107	115	121	132	128	127	
<b>Prices paid</b>											
Commodities and services,											
interest, taxes, and wage rates	110	115	116	117	116	115	115	114	113	113	
Production items	109	115	116	116	114	113	112	111	110	110	
Feed	104	130	122	119	108	105	106	101	96	92	
Livestock and poultry	82	75	93	95	91	88	83	83	80	85	
Seeds	110	115	119	120	123	123	123	123	123	123	
Fertilizer	120	124	121	118	115	115	114	112	111	109	
Agricultural chemicals	115	119	121	121	121	122	122	122	122	122	
Fuels	94	105	103	112	94	88	85	83	86	89	
Supplies and repairs	112	115	117	118	119	118	119	119	119	119	
Autos and trucks	107	108	109	119	118	118	118	118	118	118	
Farm machinery	120	125	128	131	132	132	132	132	132	132	
Building material	114	115	118	118	118	118	118	119	118	118	
Farm services	118	118	118	116	116	117	118	117	117	117	
Rent	116	119	119	121	124	124	124	124	124	124	
Int. payable per acre on farm real estate debt	101	105	106	107	108	108	108	108	108	108	
Taxes payable per acre on farm real estate	109	112	115	115	119	119	119	119	119	119	
Wage rates (seasonally adjusted)	114	117	123	126	130	130	125	125	125	125	
Production items, interest, taxes, and wage rates	109	114	116	117	115	114	113	113	111	111	
Ratio, prices received to prices paid (%)*	93	98	92	91	89	89	89	89	88	88	
Prices received (1910-14=100)	647	712	679	680	656	650	645	643	630	631	
Prices paid, etc. (parity index) (1910-14=100)	1,437	1,504	1,527	1,560	1,522	1,536	1,528	1,519	1,507	1,507	
Parity ratio (1910-14=100) (%)*	45	47	45	44	43	43	42	42	42	42	

-- = Not available. Values for two most recent months are revised or preliminary. \*Ratio of index of prices received for all farm products to index of prices paid for commodities and services, interest, taxes, and wage rates. Ratio uses the most recent prices paid index. Data for this table is taken from the publication *Agricultural Prices*, which is produced monthly by USDA's National Agricultural Statistics Service (NASS) and is available at <http://jan.mannlib.cornell.edu/reports/nassr/price/pap-bb>. For historical data or for categories not listed here, call the National Agricultural Statistics Service (NASS) Information Hotline at 1-800-727-9540, or access the NASS Home Page at <http://www2.hqnet.usda.gov/nass>.

**Table 5—Prices Received by Farmers, U.S. Average**

	Annual <sup>1</sup>			1997		1998				
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct
<b>Crops</b>										
All wheat (\$/bu.)	4.55	4.30	3.45	3.58	3.06	2.77	2.56	2.39	2.41	2.72
Rice, rough (\$/cwt)	9.15	9.96	9.64	10.00	9.41	9.51	9.57	8.95	9.35	9.26
Corn (\$/bu.)	3.24	2.71	2.60	2.54	2.34	2.28	2.20	1.90	1.83	1.91
Sorghum (\$/cwt)	5.69	4.17	4.00	4.06	3.71	3.96	3.80	3.32	2.91	3.09
All hay, baled (\$/ton)	82.20	95.80	102.50	100.00	103.00	91.80	88.60	88.50	86.50	85.20
Soybeans (\$/bu.)	6.72	7.35	6.50	6.50	6.26	6.15	6.13	5.43	5.25	5.18
Cotton, upland (¢/lb.)	75.40	69.30	66.90	69.40	63.50	68.50	66.50	66.20	67.10	68.90
Potatoes (\$/cwt)	6.77	4.93	5.68	4.93	6.52	6.04	5.93	5.30	4.92	4.60
Lettuce (\$/cwt) <sup>2</sup>	23.50	14.70	17.30	34.80	14.70	11.40	15.40	16.20	14.00	24.30
Tomatoes fresh (\$/cwt) <sup>2</sup>	25.80	28.00	33.00	27.40	34.70	27.00	40.80	20.40	27.20	44.90
Onions (\$/cwt)	11.10	10.60	12.60	9.20	18.50	15.90	21.30	15.10	12.90	12.70
Beans, dry edible (\$/cwt)	20.80	23.50	17.70	16.90	21.10	21.30	21.40	19.80	19.30	19.00
Apples for fresh use (¢/lb.)	24.00	20.80	22.20	25.30	18.20	16.30	16.10	19.00	22.70	22.80
Pears for fresh use (\$/ton)	272.00	376.00	276.00	361.00	373.00	353.00	405.00	457.00	420.00	479.00
Oranges, all uses (\$/box) <sup>3</sup>	4.23	5.01	4.57	3.90	5.68	6.41	5.85	5.37	4.97	5.42
Grapefruit, all uses (\$/box) <sup>3</sup>	2.30	2.43	1.74	3.23	0.42	3.58	3.66	6.01	11.09	3.88
<b>Livestock</b>										
Cattle, all beef (\$/cwt)	61.80	58.70	63.10	63.30	63.00	61.80	58.40	57.40	56.10	57.90
Calves (\$/cwt)	73.10	58.40	78.90	84.30	88.90	81.70	76.60	76.90	74.10	74.70
Hogs, all (\$/cwt)	40.50	51.90	52.90	47.30	42.20	42.20	36.70	35.10	29.50	28.50
Lambs (\$/cwt)	78.20	88.20	90.30	87.20	63.30	88.70	81.00	79.90	71.40	--
All milk, sold to plants (\$/cwt)	12.78	14.75	13.36	14.10	13.20	14.00	14.10	15.40	16.60	17.30
Milk, manuf. grade (\$/cwt)	11.79	13.43	12.17	13.20	11.30	13.00	14.00	14.60	15.40	16.20
Broilers, live (¢/lb.)	34.40	38.10	37.70	34.70	36.90	40.30	43.20	46.90	45.90	43.90
Eggs, all (¢/doz.) <sup>4</sup>	62.40	74.90	70.20	65.90	54.80	60.00	58.30	64.90	63.40	66.40
Turkeys (¢/lb.)	41.00	43.30	39.90	41.00	35.40	35.90	37.50	38.80	40.20	42.80

-- = Not available. Values for last two months revised or preliminary. 1. Season-average price by crop year for crops. Calendar year average of monthly prices for livestock. 2. Excludes Hawaii. 3. Equivalent on-tree returns. 4. Average of all eggs sold by producers including hatching eggs and eggs sold at retail. Data for this table is taken from the publication *Agricultural Prices*, which is produced monthly by USDA's National Agricultural Statistics Service (NASS) and is available at <http://jan.mannlib.cornell.edu/reports/nassr/price/pap-bb>. For historical data or for categories not listed here, call the National Agricultural Statistics Service (NASS) Information Hotline at 1-800-727-9540, or access the NASS Home Page at <http://www2.hqnet.usda.gov/nass>.

## Producer & Consumer Prices

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**Table 6—Consumer Price Indexes for All Urban Consumers, U.S. Average (not seasonally adjusted)**

	Annual			1997			1998				
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct	
<i>1982-84=100</i>											
Consumer Price Index, all items	152.4	156.9	160.5	161.6	162.8	163.0	163.2	163.4	163.6	164.0	
CPI, all items less food	153.1	157.5	161.1	162.2	163.3	165.3	163.6	163.9	164.1	164.4	
All food	148.4	153.3	157.3	158.2	160.3	160.1	160.5	161.0	161.1	162.0	
Food away from home	149.0	152.7	157.0	158.2	160.6	160.7	161.1	161.5	162.1	162.3	
Food at home	148.8	154.3	158.1	159.0	160.7	160.5	160.8	161.4	161.2	162.5	
Meats <sup>1</sup>	135.5	140.2	144.4	145.2	141.0	141.5	141.8	142.2	141.6	141.3	
Beef and veal	134.9	134.5	136.8	137.1	136.3	136.3	136.1	137.0	136.3	136.1	
Pork	134.8	148.2	155.9	157.4	147.6	148.7	149.7	149.9	148.7	147.5	
Poultry	143.5	152.4	156.6	155.6	155.6	155.5	156.6	158.9	159.3	161.1	
Fish and seafood	171.6	173.1	177.1	178.4	180.9	180.5	181.4	183.5	181.5	183.1	
Eggs	120.5	142.1	140.0	135.9	128.6	126.3	127.5	135.4	132.4	136.1	
Dairy products <sup>2</sup>	132.8	142.1	145.5	145.7	148.1	148.1	148.2	150.5	152.9	155.0	
Fats and oils <sup>3</sup>	137.3	140.5	141.7	141.7	141.2	143.3	147.6	149.7	152.4	156.8	
Fresh fruits	219.0	234.4	236.3	242.6	249.0	247.3	247.4	248.7	247.6	251.8	
Processed fruits	137.1	145.2	148.8	148.4	--	--	--	--	--	--	
Fresh vegetables	193.1	189.2	194.6	192.8	229.7	214.7	214.0	205.6	200.1	213.9	
Potatoes	174.7	180.6	174.2	181.6	187.7	193.1	196.5	192.7	189.1	187.0	
Processed vegetables	138.3	143.9	147.2	145.9	--	--	--	--	--	--	
Cereals and bakery products	167.5	174.0	177.6	178.4	180.5	181.6	181.8	182.7	181.9	182.2	
Sugar and sweets	137.5	143.7	147.8	148.2	149.5	150.5	149.9	150.2	150.8	150.5	
Nonalcoholic beverages <sup>4</sup>	131.7	128.6	133.4	136.6	132.9	132.8	132.3	132.0	132.2	132.6	
Apparel											
Apparel, commodities less footwear	129.3	128.5	129.4	131.4	--	--	--	--	--	--	
Footwear	125.4	126.6	127.6	130.6	128.3	128.2	127.0	127.7	128.6	130.3	
Tobacco and smoking products	225.7	232.8	243.7	250.2	270.0	266.9	273.2	273.7	283.5	284.9	
Alcoholic beverages	153.9	158.5	162.8	163.7	165.2	165.5	165.6	165.7	166.3	166.6	

-- = Not available. 1. Beef, veal, lamb, pork, and processed meat. 2. Includes butter. 3. Includes butter as of Jan. 1988. 4. Includes fruit juices as of Jan. 1988.

This table is compiled with data provided by the Bureau of Labor Statistics (BLS). BLS operates a website at <http://stats.bls.gov/blshome.html> and a Consumer Prices Information Hotline at (202) 606-7828.

**Table 7—Producer Price Indexes, U.S. Average (not seasonally adjusted)**

	Annual		1997			1998				
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct
<i>1982=100</i>										
All commodities	124.8	127.7	127.6	127.8	125.1	124.8	124.8	124.2	123.9	124.0
Finished goods <sup>1</sup>	127.9	131.3	131.8	132.3	130.6	130.7	130.9	130.6	130.6	131.4
All foods <sup>2</sup>	126.7	132.5	132.8	133.5	130.0	131.9	132.5	132.8	133.5	133.7
Consumer foods	129.0	133.6	134.5	135.1	133.6	133.8	134.6	135.0	135.4	135.5
Fresh fruits and melons	85.7	100.8	99.4	97.7	92.3	91.1	88.7	90.2	90.9	91.7
Fresh and dry vegetables	144.4	135.0	123.1	148.8	134.2	120.9	146.6	116.4	130.8	148.4
Dried and dehydrated fruits	121.2	124.2	124.9	125.7	127.4	127.0	127.4	125.6	125.6	124.3
Canned fruits and juices	129.4	137.5	137.6	135.8	134.1	133.8	134.6	134.4	134.2	132.8
Frozen fruits, juices and ades	115.9	123.9	117.2	114.2	115.3	115.4	117.5	116.3	116.5	117.2
Fresh veg. except potatoes	139.8	120.9	121.3	143.1	123.2	106.5	153.7	114.9	135.0	161.9
Canned vegetables and juices	116.6	121.2	120.1	120.2	121.9	121.9	122.2	123.1	122.6	120.2
Frozen vegetables	124.2	125.4	125.8	126.6	125.0	124.6	125.6	125.6	125.3	126.0
Potatoes	142.6	133.9	106.1	132.6	136.3	120.4	116.0	106.5	147.5	126.0
Eggs for fresh use (1991=100)	86.3	105.1	97.1	90.1	71.2	86.9	80.8	91.3	88.9	92.0
Bakery products	164.3	169.8	173.9	174.6	175.8	175.7	175.6	176.0	175.5	176.2
Meats	102.9	109.0	111.6	109.8	105.5	106.0	102.9	104.5	100.4	98.1
Beef and veal	100.9	100.2	102.8	103.3	103.5	99.8	99.5	100.8	98.3	96.9
Pork	101.4	120.9	123.1	116.8	104.2	111.6	100.8	104.8	96.1	90.8
Processed poultry	114.3	119.8	117.4	117.0	116.5	120.1	124.9	127.3	129.4	126.0
Unprocessed and packaged fish	170.9	165.9	178.1	187.8	186.4	177.7	180.0	180.4	178.4	181.3
Dairy products	119.7	130.4	128.1	130.4	131.3	133.4	135.3	139.4	145.1	148.0
Processed fruits and vegetables	122.4	127.6	126.4	125.6	125.7	125.6	126.4	126.5	126.3	125.2
Shortening and cooking oil	142.5	138.5	137.8	140.0	145.1	143.0	141.5	137.3	142.5	142.7
Soft drinks	133.1	134.0	133.2	132.9	134.6	134.6	134.7	134.8	134.8	135.0
Finished consumer goods less foods	123.9	127.6	128.2	128.7	126.7	127.0	127.0	126.4	126.3	127.1
Alcoholic beverages	128.5	132.8	135.1	134.0	134.9	134.9	134.9	134.9	135.0	135.0
Apparel	124.2	125.1	125.7	125.9	126.5	126.6	126.0	126.3	126.3	126.7
Footwear	139.2	141.6	143.7	144.2	144.6	144.7	144.4	145.0	144.7	144.7
Tobacco products	231.3	237.4	248.9	256.4	278.4	278.7	278.7	286.4	287.3	287.4
Intermediate materials <sup>3</sup>	124.9	125.8	125.6	125.5	123.5	123.5	123.4	123.1	123.0	122.3
Materials for food manufacturing	119.5	125.3	123.2	122.4	123.7	123.0	122.6	123.3	124.6	125.3
Flour	122.8	136.8	118.7	115.4	112.4	109.0	107.8	104.0	102.8	109.1
Refined sugar <sup>4</sup>	119.4	123.7	123.6	121.4	119.2	120.0	120.3	119.9	120.7	119.9
Crude vegetable oils	129.8	118.1	116.6	118.0	143.7	130.8	126.3	120.4	131.4	124.3
Crude materials <sup>5</sup>	102.7	113.8	111.1	112.7	100.5	97.6	97.1	94.6	92.9	93.9
Foodstuffs and feedstuffs	105.8	121.5	112.2	110.1	106.2	106.2	103.8	103.0	100.9	103.4
Fruits and vegetables and nuts <sup>6</sup>	108.4	122.5	115.5	124.7	116.2	110.2	119.0	108.0	114.1	121.5
Grains	112.6	151.1	111.2	109.1	98.7	94.0	91.4	82.8	77.3	84.6
Slaughter livestock	92.8	95.2	96.3	93.0	90.7	90.7	81.8	82.1	79.0	78.7
Slaughter poultry, live	125.6	140.5	131.0	121.7	131.1	140.5	156.7	167.8	164.1	161.8
Plant and animal fibers	155.3	129.4	117.0	116.8	107.9	117.9	120.9	115.8	117.8	112.6
Fluid milk	93.7	107.9	97.5	101.3	98.1	104.1	107.0	114.2	119.8	126.2
Oilseeds	112.6	139.4	140.8	129.5	121.0	116.0	120.5	104.6	101.2	103.0
Leaf tobacco	78.9	89.4	--	105.5	--	--	--	93.8	104.1	109.6
Raw cane sugar	119.7	118.6	116.8	118.1	118.1	118.0	119.3	118.4	116.0	115.6

1. Commodities ready for sale to ultimate consumer. 2. Includes all raw, intermediate, and processed foods (excludes soft drinks, alcoholic beverages, and manufactured animal feeds). 3. Commodities requiring further processing to become finished goods. 4. All types and sizes of refined sugar. 5. Products entering market for the first time that have not been manufactured at that point. 6. Fresh and dried.

This table is compiled with data provided by the Bureau of Labor Statistics (BLS). BLS operates a website at <http://stats.bls.gov/blshome.html> and a Producer Prices Information Hotline at (202) 606-7705.

## Farm-Retail Price Spreads

Table 8—Farm-Retail Price Spreads

	Annual			1997		1998				
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct
<b>Market basket<sup>1</sup></b>										
Retail cost (1982-84=100)	149.4	155.9	159.7	160.4	162.7	162.2	162.6	163.4	163.2	164.8
Farm value (1982-84=100)	102.7	111.1	106.2	103.6	103.4	102.9	102.7	103.2	104.9	106.4
Farm-retail spread (1982-84=100)	174.6	180.1	188.6	190.9	194.7	194.2	194.8	195.8	194.6	196.2
Farm value-retail cost (%)	24.1	24.9	23.3	22.6	22.2	22.2	22.1	22.1	22.5	22.6
<b>Meat products</b>										
Retail cost (1982-84=100)	135.5	140.1	144.4	145.2	141.0	141.5	141.8	142.2	141.6	141.3
Farm value (1982-84=100)	93.8	100.4	101.2	97.8	91.4	93.4	89.1	85.4	81.3	79.3
Farm-retail spread (1982-84=100)	178.2	180.9	188.6	193.8	191.9	190.9	195.9	200.4	203.5	204.9
Farm value-retail cost (%)	35.1	36.3	35.5	34.1	32.8	33.4	31.8	30.4	29.1	28.4
<b>Dairy products</b>										
Retail cost (1982-84=100)	132.8	142.1	145.5	145.7	148.1	148.1	148.2	150.5	152.9	155.0
Farm value (1982-84=100)	92.2	107.2	98.0	100.6	105.5	103.4	103.2	113.9	125.4	125.4
Farm-retail spread (1982-84=100)	170.3	174.3	189.3	187.3	187.4	189.3	189.7	184.3	178.3	182.3
Farm value-retail cost (%)	33.3	36.2	32.3	33.1	34.2	33.5	33.4	36.3	39.3	38.8
<b>Poultry</b>										
Retail cost (1982-84=100)	143.5	152.4	156.6	155.6	155.6	155.5	156.6	158.9	159.3	161.1
Farm value (1982-84=100)	113.7	126.2	120.6	114.4	117.2	126.6	135.3	145.9	143.9	139.7
Farm-retail spread (1982-84=100)	177.7	182.6	198.1	203.1	199.9	188.8	181.2	173.9	177.1	185.7
Farm value-retail cost (%)	42.4	44.3	41.2	39.3	40.3	43.6	46.2	49.1	48.3	46.4
<b>Eggs</b>										
Retail cost (1982-84=100)	120.5	142.1	140.0	135.9	128.6	126.3	127.5	135.4	132.4	136.1
Farm value (1982-84=100)	91.1	114.7	99.3	91.4	67.0	77.2	74.2	88.3	85.2	91.4
Farm-retail spread (1982-84=100)	173.2	191.4	213.0	215.8	239.2	214.6	223.2	220.0	217.1	216.3
Farm value-retail cost (%)	48.6	51.9	45.6	43.2	33.5	39.2	37.4	41.9	41.4	43.2
<b>Cereal and bakery products</b>										
Retail cost (1982-84=100)	167.5	174.0	177.6	178.4	180.5	181.6	181.8	182.7	181.9	182.2
Farm value (1982-84=100)	110.1	125.6	107.7	103.8	97.3	92.5	88.7	84.8	85.6	91.3
Farm-retail spread (1982-84=100)	175.5	180.7	187.4	188.8	192.1	194.0	194.8	196.4	195.3	194.9
Farm value-retail cost (%)	8.1	7.2	7.4	7.1	6.6	6.2	6.0	5.7	5.8	6.1
<b>Fresh fruit</b>										
Retail cost (1982-84=100)	226.9	243.0	245.1	254.0	258.8	256.6	255.7	259.2	260.6	265.9
Farm value (1982-84=100)	136.2	151.7	137.0	137.1	138.6	135.7	132.3	136.0	152.3	161.7
Farm-retail spread (1982-84=100)	268.7	285.2	295.0	307.9	314.3	312.4	312.7	316.0	310.6	314.0
Farm value-retail cost (%)	19.0	19.7	17.7	17.1	16.9	16.7	16.3	16.6	18.5	19.2
<b>Fresh vegetables</b>										
Retail cost (1982-84=100)	193.1	189.2	194.6	192.8	229.7	214.7	214.0	205.6	200.1	213.9
Farm value (1982-84=100)	130.1	113.3	118.7	113.0	134.5	105.5	134.3	104.2	103.0	133.9
Farm-retail spread (1982-84=100)	225.5	228.3	233.6	233.8	278.7	270.9	255.0	257.7	250.0	255.0
Farm value-retail cost (%)	22.9	20.3	20.7	19.9	19.9	16.7	21.3	17.2	17.5	21.3
<b>Processed fruits and vegetables</b>										
Retail cost (1982-84=100)	137.5	144.4	147.9	147.2	150.9	150.8	151.8	152.5	152.1	151.6
Farm value (1982-84=100)	120.5	121.5	115.9	113.1	116.7	120.6	116.7	116.1	117.8	117.9
Farm-retail spread (1982-84=100)	142.8	151.6	157.9	157.8	161.6	160.2	162.7	163.9	162.8	162.1
Farm value-retail cost (%)	20.8	20.0	18.6	18.3	18.4	19.0	18.3	18.1	18.4	18.5
<b>Fats and oils</b>										
Retail cost (1982-84=100)	137.3	140.5	141.7	141.7	141.2	143.3	147.6	149.7	152.4	156.8
Farm value (1982-84=100)	121.3	112.3	109.4	113.0	128.1	119.6	114.9	112.9	120.5	117.5
Farm-retail spread (1982-84=100)	143.1	150.9	153.6	152.3	146.0	152.0	159.6	163.2	164.1	171.3
Farm value-retail cost (%)	23.8	21.5	20.8	21.4	24.4	22.5	20.9	20.3	21.3	20.1

See footnotes at end of table, next page.

**Table 8—Farm-Retail Price Spreads (continued)**

	Annual			1997			1998				
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct	
Beef, All Fresh Retail Price (cts/lb)	259.4	252.4	253.8	254.0	254.4	251.7	251.9	255.1	250.6	252.6	
Beef, Choice											
Retail price (cents/lb.) <sup>2</sup>	284.4	280.2	279.5	279.0	277.4	278.7	278.5	279.4	274.2	275.0	
Wholesale value (cents) <sup>3</sup>	163.9	158.1	158.2	158.7	157.0	154.5	154.0	160.6	153.2	156.4	
Net farm value (cents) <sup>4</sup>	138.4	134.9	137.2	138.2	137.1	134.8	128.6	126.1	124.6	130.9	
Farm-retail spread (cents)	146.0	145.3	142.3	140.8	140.3	143.9	149.9	153.3	149.6	144.1	
Wholesale-retail (cents) <sup>5</sup>	120.5	122.1	121.3	120.3	120.4	124.2	124.5	118.8	121.0	118.6	
Farm-wholesale (cents) <sup>6</sup>	25.5	23.2	21.0	20.5	19.9	19.7	25.4	34.5	28.6	25.5	
Farm value-retail price (%)	49	48	49	50	49	48	46	45	45	48	
Pork											
Retail price (cents/lb.) <sup>2</sup>	194.8	220.9	231.5	234.9	226.7	228.9	231.0	230.9	231.2	230.2	
Wholesale value (cents) <sup>3</sup>	98.8	117.2	117.1	110.5	99.8	98.0	94.9	96.4	93.2	91.1	
Net farm value (cents) <sup>4</sup>	66.7	84.6	81.1	73.2	66.3	65.8	57.6	55.4	47.9	42.0	
Farm-retail spread (cents)	128.1	136.3	150.4	161.7	160.4	163.1	173.4	175.5	183.3	188.2	
Wholesale-retail (cents) <sup>5</sup>	96.0	103.7	114.4	124.4	126.9	130.9	136.1	134.5	138.0	139.1	
Farm-wholesale (cents) <sup>6</sup>	32.1	32.6	36.0	37.3	33.5	32.2	37.3	41.0	45.3	49.1	
Farm value-retail price (%)	34	38	35	31	29	29	25	24	21	18	

1. Retail costs are based on CPI-U of retail prices for domestically produced farm foods, published monthly by the Bureau of Labor Statistics (BLS).

Farm value is the payment for the quantity of farm equivalent to the retail unit, less allowance for by-product. Farm values are based on prices at first point of sale, and may include marketing charges such as grading and packing for some commodities. The farm-retail spread, the difference between the retail price and farm value, represents charges for assembling, processing, transporting, distributing. 2. Weighted-average price of retail cuts from pork and Choice yield grade 3 beef. Prices from BLS. 3. Value of wholesale (boxed beef) and wholesale cuts (pork) equivalent to 1 lb. of retail cuts adjusted for transportation costs and by-product values. 4. Market value to producer for live animal equivalent to 1 lb. of retail cuts, minus value of by-products. 5. Charges for retailing and other marketing services such as wholesaling, and in-city transportation. 6. Charges for livestock marketing, processing, and transportation. *Information contact: Veronica Jones (202) 694-5387, Larry Duewer (202) 694-5172*

**Table 9—Price Indexes of Food Marketing Costs**

	Annual			1996			1997			1998		
	1995	1996	1997	IV	I	II	III	IV	I	II		
1987=100*												
Labor-hourly earnings												
and benefits	455.2	459.7	474.3	465.3	469.3	473.0	474.6	480.2	484.9	488.3		
Processing	472.5	474.7	486.0	480.2	481.4	484.9	487.1	490.5	493.8	497.7		
Wholesaling	502.2	516.0	536.2	520.5	526.2	534.1	538.9	545.4	546.8	552.5		
Retailing	417.1	419.9	435.2	426.1	432.1	434.1	433.6	441.1	448.7	450.6		
Packaging and containers	415.7	399.8	390.3	393.1	392.1	388.7	387.6	392.9	398.5	396.7		
Paperboard boxes and containers	392.1	363.8	341.9	348.9	347.2	335.4	334.7	350.3	365.4	368.7		
Metal cans	504.9	498.3	491.0	481.8	489.4	496.1	490.8	487.9	494.1	484.7		
Paper bags and related products	457.8	437.8	441.9	443.3	443.8	441.6	439.5	442.5	438.8	434.0		
Plastic films and bottles	330.6	326.5	326.6	331.9	326.6	325.3	326.9	327.5	326.7	325.0		
Glass containers	463.3	460.5	447.4	459.3	449.3	446.9	446.6	446.6	446.9	446.9		
Metal foil	263.1	235.7	233.4	229.9	228.2	232.0	237.2	236.4	232.2	232.2		
Transportation services	436.6	429.8	430.0	430.2	431.0	430.6	429.0	429.4	429.9	431.8		
Advertising	539.1	580.1	609.4	582.8	608.1	608.7	609.3	611.6	623.2	624.2		
Fuel and power	633.7	670.7	668.5	699.2	689.5	657.4	658.1	669.0	625.1	622.9		
Electric	511.3	501.3	499.2	492.6	488.5	499.0	517.7	491.5	482.2	489.3		
Petroleum	559.7	666.8	616.7	745.5	672.8	609.7	574.8	609.6	495.5	470.0		
Natural gas	1,091.7	1,136.7	1,214.0	1,180.9	1,261.1	1,165.7	1,179.7	1,249.4	1,229.4	1,242.1		
Communications, water and sewage	284.9	296.8	302.8	299.1	301.1	302.2	303.5	304.2	305.5	308.0		
Rent	269.0	268.2	265.6	268.3	266.6	265.6	265.1	265.1	262.5	260.3		
Maintenance and repair	486.1	499.6	514.9	506.2	509.6	513.0	517.3	519.7	524.1	527.1		
Business services	491.0	501.7	512.3	506.6	509.5	511.7	513.9	514.1	518.4	521.2		
Supplies	342.7	338.3	337.8	339.0	338.8	337.0	337.5	337.9	335.6	332.4		
Property taxes and insurance	546.8	564.3	580.1	570.4	573.6	577.3	582.2	587.3	591.1	595.4		
Interest, short-term	113.5	103.9	108.9	104.2	105.3	111.2	108.8	110.1	106.5	106.7		
Total marketing cost index	444.8	452.1	459.9	455.6	458.6	458.4	459.1	463.4	465.3	466.9		

Last two quarters preliminary. \* Indexes measure changes in employee earnings and benefits and in prices of supplies used in processing, wholesaling, and retailing U.S. farm foods purchased for at-home consumption. *Information contact: Veronica Jones (202) 694-5387*

**Livestock & Products****Table 10—U.S. Meat Supply & Use**

	Beg. stocks	Produc- tion <sup>1</sup>	Imports	Total supply	Exports	Ending stocks	Consumption		Conversion factor <sup>3</sup>	Primary market price <sup>4</sup>
							Total	Per capita <sup>2</sup>		
<i>Million lbs.<sup>5</sup></i>										
<b>Beef</b>										
1995	548	25,222	2,103	27,873	1,821	519	25,533	67	0.695	66
1996	519	25,525	2,073	28,117	1,877	377	25,863	68	0.700	65
1997	377	25,490	2,343	28,210	2,136	465	25,609	67	0.700	66
1998	465	25,695	2,626	28,786	2,135	400	26,251	68	0.700	62.47
1999	400	24,031	2,790	27,221	2,315	350	24,556	63	0.700	70-75
<b>Pork</b>										
1995	438	17,849	664	18,951	787	396	17,768	52	0.776	42
1996	396	17,117	618	18,131	970	366	16,795	49	0.776	53
1997	366	17,274	633	18,273	1,044	408	16,821	49	0.776	51
1998	408	18,874	660	19,942	1,260	475	18,207	52	0.776	32.87
1999	475	19,455	700	20,630	1,340	490	18,800	54	0.776	33-35
<b>Veal<sup>6</sup></b>										
1995	7	319	0	326	0	7	319	1	0.83	75
1996	7	378	0	385	0	7	378	1	0.83	59
1997	7	334	0	341	0	8	333	1	0.83	82
1998	8	266	0	274	0	6	268	1	0.83	82
1999	6	255	0	261	0	6	255	1	0.83	94
<b>Lamb and mutton</b>										
1995	11	287	64	362	6	8	348	1	0.89	76
1996	8	268	73	349	6	9	334	1	0.89	85
1997	9	260	83	352	5	14	333	1	0.89	88
1998	14	243	93	350	5	11	334	1	0.89	74
1999	11	223	85	319	5	11	303	1	0.89	77
<b>Total red meat</b>										
1995	1,004	43,677	2,831	47,512	2,614	930	43,968	122	--	--
1996	930	43,288	2,764	46,982	2,853	759	43,370	120	--	--
1997	759	43,358	3,059	47,176	3,185	895	43,096	118	--	--
1998	895	45,078	3,379	49,352	3,400	892	45,060	122	--	--
1999	892	43,964	3,575	48,431	3,660	857	43,914	118	--	--
									¢/lb	
<b>Broilers</b>										
1995	458	24,827	1	25,287	3,894	560	20,832	69	0.869	56
1996	560	26,124	4	26,688	4,420	641	21,626	71	0.869	61
1997	641	27,041	5	27,687	4,664	607	22,416	73	0.869	59
1998	607	27,531	5	28,142	4,683	625	22,834	73	0.869	62.70
1999	625	28,943	4	29,572	4,525	650	24,397	78	0.869	56-60
<b>Mature chickens</b>										
1995	14	496	3	513	99	7	406	2	1.0	--
1996	7	491	0	498	265	6	228	1	1.0	--
1997	6	510	0	516	384	7	125	1	1.0	--
1998	7	521	0	528	435	7	86	1	1.0	--
1999	7	546	0	554	412	5	137	1	1.0	--
<b>Turkeys</b>										
1995	254	5,069	2	5,326	348	271	4,706	18	1.0	66
1996	271	5,401	1	5,673	438	328	4,906	19	1.0	66
1997	328	5,412	1	5,741	598	415	4,727	18	1.0	65
1998	415	5,173	1	5,589	421	300	4,867	18	1.0	61.90
1999	300	5,186	1	5,487	430	275	4,781	18	1.0	60-64
<b>Total poultry</b>										
1995	727	30,393	6	31,125	4,342	839	25,944	88	--	--
1996	839	32,015	5	32,859	5,123	975	26,760	90	--	--
1997	975	32,964	6	33,944	5,646	1,029	27,269	91	--	--
1998	1,029	33,225	6	34,260	5,539	932	27,788	92	--	--
1999	932	34,675	5	35,612	5,367	930	29,314	96		
<b>Red meat and poultry</b>										
1995	1,731	74,070	2,837	78,637	6,956	1,769	69,912	210	--	--
1996	1,769	75,303	2,769	79,841	7,976	1,734	70,130	210	--	--
1997	1,734	76,322	3,065	81,120	8,831	1,924	70,364	209	--	--
1998	1,924	78,303	3,385	83,612	8,939	1,824	72,848	214	--	--
1999	1,824	78,639	3,580	84,043	9,027	1,787	73,228	214	--	--

-- = Not available. Values for the last year are forecasts. 1. Total including farm production for red meat and federally inspected plus nonfederally inspected for poultry. 2. Retail-weight basis. 3. Red meat, carcass to retail conversion; poultry, ready-to-cook production to retail weight. 4. Beef: Medium #1, Nebraska Direct 1,100-1,300 lb.; pork: barrows and gilts, Iowa, Southern Minnesota; veal: farm price of calves; lamb and mutton: choice slaughter lambs, San Angelo; broilers: wholesale 12-city average; turkeys: wholesale NY 8-16 lb. young hens. 5. Carcass weight for red meats and certified ready-to-cook for poultry. 6. Beginning in 1989, veal trade is no longer reported separately. Information contact: LaVerne Williams (202) 694-5190

**Table 11—U.S. Egg Supply & Use**

	Beg. stocks	Production	Imports	Total supply	Exports	Hatching use	Ending stocks	Consumption		Primary market price*
								Total	Per capita	
	Million doz.							No.	¢/doz.	
1992	13.0	5,905.0	4.3	5,922.3	157.0	732.0	13.5	5,019.8	235.9	65.4
1993	13.5	6,005.8	4.7	6,023.9	158.9	769.6	10.7	5,084.6	236.4	72.5
1994	10.7	6,177.6	3.7	6,192.0	187.6	805.4	14.9	5,184.1	238.7	67.3
1995	14.9	6,215.6	4.1	6,234.6	208.9	847.2	11.2	5,167.3	235.6	72.9
1996	11.2	6,371.3	5.4	6,387.9	253.1	863.8	8.5	5,262.4	237.8	88.2
1997	8.5	6,459.8	6.9	6,475.2	227.8	894.8	7.4	5,345.2	239.4	81.2
1998	7.4	6,635.3	5.9	6,648.6	226.2	921.6	5.0	5,495.8	244.1	76.1
1999	5.0	6,790.0	4.0	6,799.0	243.0	970.0	5.0	5,581.0	245.5	72.5

Values for the last year are forecasts. Values for previous year are preliminary. \* Cartoned grade A large eggs, New York.

Information contact: LaVerne Williams (202) 694-5190

**Table 12—U.S. Milk Supply & Use<sup>1</sup>**

Production	Commercial				Total commer- cial supply	Commercial			CCC net removals			
	Farm use	Farm Market- ings	Beg. stocks	Imports		CCC net re- movals	Ending stocks	Disap- pear- ance	All milk price <sup>1</sup>	Skim solids basis		
	Billion lbs. (milkfat basis)							\$/cwt	Billion lbs.			
1991	147.7	2.0	145.7	5.1	2.6	153.4	10.4	4.5	138.6	12.24	3.9	6.5
1992	150.9	1.9	149.0	4.5	2.5	155.9	9.9	4.7	141.3	13.09	2.0	5.2
1993	150.6	1.8	148.8	4.7	2.8	156.2	6.7	4.6	145.0	12.80	3.9	5.0
1994	153.7	1.7	152.0	4.6	2.9	159.4	4.8	4.3	150.3	12.97	3.7	4.2
1995	155.4	1.6	153.9	4.3	2.9	161.1	2.1	4.1	154.9	12.74	4.4	3.5
1996	154.3	1.5	153.8	4.1	2.9	159.8	0.1	4.7	155.0	14.74	0.7	0.5
1997	156.6	1.4	155.2	4.7	2.7	162.6	1.1	4.9	156.6	13.34	3.7	2.7
1998	157.4	1.4	156.0	4.9	4.6	165.5	0.4	5.1	160.1	15.30	4.0	2.6
1999	160.1	1.3	158.8	5.1	3.3	167.2	0.7	4.9	161.6	14.15	3.6	2.4

Values for latest year are forecasts. Values for the preceding year are preliminary. 1. Delivered to plants and dealers; does not reflect deductions.

2. Arbitrarily weighted average of milkfat basis (40 percent) and solids basis (60 percent). Information contact: Jim Miller (202) 694-5184

**Table 13—Poultry & Eggs**

	Annual				1997		1998			
	1995	1996	1997	Sep	Apr	May	Jun	Jul	Aug	Sep
<b>Broilers</b>										
Federally inspected slaughter certified (mil. lb.)	25,020.8	26,336.3	27,270.7	2,283.9	2,384.0	2,258.1	2,348.8	2,353.8	2,265.0	2,315.6
Wholesale price, 12-city (cents/lb.)	56.2	61.2	58.8	59.9	58.8	60.1	64.3	68.5	72.1	70.5
Price of grower feed (\$/ton) <sup>1</sup>	135.1	175.5	157.8	147.0	138.0	137.0	134.0	131.0	116.0	112.0
Broiler-feed price ratio <sup>2</sup>	5.1	4.4	4.7	5.2	5.3	5.4	6.0	6.6	8.1	8.2
Stocks beginning of period (mil. lb.)	458.4	560.1	641.3	559.1	665.8	710.3	654.7	583.5	553.2	541.2
Broiler-type chicks hatched (mil.)	7,932.4	8,076.9	8,306.5	684.2	709.4	740.0	719.0	723.4	713.2	692.9
<b>Turkeys</b>										
Federally inspected slaughter certified (mil. lb.)	5,128.8	5,465.6	5,477.9	462.6	442.3	421.2	457.9	459.3	413.4	428.1
Wholesale price, Eastern U.S. 8-16 lb. young hens (cents/lb.)	66.4	66.5	64.9	67.9	58.1	58.7	60.6	61.4	63.2	65.6
Price of turkey grower feed (\$/ton) <sup>1</sup>	130.1	166.1	142.5	135.0	125.0	122.0	118.0	115.0	102.0	99.0
Turkey-feed price ratio <sup>2</sup>	6.3	5.3	5.6	6.1	5.7	5.8	6.1	6.5	7.6	8.1
Stocks beginning of period (mil. lb.)	254.4	271.3	328.0	742.0	527.0	580.2	612.9	656.5	703.0	708.8
Poults placed in U.S. (mil.)	321.7	327.2	321.5	23.9	25.7	25.7	27.0	26.2	24.5	21.1
<b>Eggs</b>										
Farm production (mil.)	74,587	76,456	77,515	6,350	6,571	6,630	6,423	6,695	6,675	6,458
Average number of layers (mil.)	294	298	303	303	311	308	308	308	308	310
Rate of lay (eggs per layer on farms)	253.8	256.2	255.2	21.0	21.1	21.5	20.9	21.7	21.6	20.8
Cartoned price, New York, grade A large (cents/doz.) <sup>3</sup>	72.9	88.2	81.2	82.4	71.6	60.4	67.3	73.3	77.7	77.0
Price of laying feed (\$/ton) <sup>1</sup>	149.7	184.4	159.8	150.0	149.0	161.0	150.0	148.0	121.0	119.0
Egg-feed price ratio <sup>2</sup>	8.6	8.5	8.8	9.3	8.5	6.8	8.0	7.9	10.7	10.7
Stocks, first of month										
Frozen (mil. doz.)	14.8	10.5	7.7	8.4	7.9	7.0	9.8	7.7	8.9	6.8
Replacement chicks hatched (mil.)	397.0	407.0	422.0	37.2	39.9	39.6	39.2	36.6	33.5	38.6

1. Calculated from price ratios that were revised February 1995. 2. Pounds of feed equal in value to 1 dozen eggs or 1 lb. of broiler or turkey liveweight (revised February 1995). 3. Price of cartoned eggs to volume buyers for delivery to retailers. Information contact: LaVerne Williams (202) 694-5190

**Table 14—Dairy**

	Annual			1997			1998				
	1995	1996	1997	Sep	Apr	May	Jun	Jul	Aug	Sep	
Milk--Basic Formula Price (\$/cwt) <sup>1</sup>	11.83	13.39	12.05	12.79	12.01	10.88	13.10	14.77	14.99	15.10	
Wholesale prices											
Butter, Central States (cents/lb.) <sup>2</sup>	81.9	108.2	116.2	109.3	136.4	153.2	186.7	203.1	216.6	270.8	
Am. cheese, Wis. assembly pt. (cents/lb.)	132.8	149.1	132.4	141.4	129.7	123.0	151.3	162.6	166.9	171.0	
Nonfat dry milk (cents/lb.) <sup>3</sup>	108.6	122.2	110.0	107.1	104.3	103.5	102.9	103.0	104.6	110.1	
USDA net removals											
Total (mil. lb.) <sup>4</sup>	2,105.7	86.9	1,090.0	103.4	25.9	23.8	12.8	15.4	13.8	15.3	
Butter (mil. lb.)	78.5	0.1	38.4	3.8	0.4	0.3	0.0	0.0	0.0	0.0	
Am. cheese (mil. lb.)	6.1	4.6	11.3	0.4	0.7	0.6	0.6	0.7	0.8	0.7	
Nonfat dry milk (Mil. lb.)	343.8	57.2	298.0	34.7	28.1	37.9	29.9	38.6	28.2	19.9	
Milk											
Milk prod. 20 states (mil. lb.)	131,780	131,343	133,861	10,671	11,591	12,067	11,446	11,345	11,160	10,706	
Milk per cow (lb.)	16,762	16,800	17,252	1,377	1,499	1,557	1,476	1,464	1,439	1,382	
Number of milk cows (1,000)	7,862	7,818	7,759	7,752	7,735	7,750	7,753	7,750	7,753	7,749	
U.S. milk production (mil. lb.) <sup>5</sup>	155,424	154,259	156,602	12,423	13,520	14,070	13,341	13,223	13,002	12,469	
Stocks, beginning <sup>4</sup>											
Total (mil. lb.)	5,760	4,168	4,714	6,845	6,009	6,488	6,689	6,664	6,591	6,213	
Commercial (mil. lb.)	4,263	4,099	4,704	6,813	5,990	6,460	6,663	6,637	6,554	6,173	
Government (mil. lb.)	1,497	69	10	32	20	28	26	27	38	40	
Imports, total (mil. lb.) <sup>4</sup>	2,936	2,911	2,698	228	279	297	369	533	559	--	
Commercial disappearance (mil. lb.) <sup>4</sup>	154,843	154,985	156,597	13,305	13,192	14,026	13,612	13,709	13,815	--	
Butter											
Production (mil. lb.)	1,264.5	1,174.5	1,151.2	79.3	103.0	92.9	72.6	67.1	61.5	67.2	
Stocks, beginning (mil. lb.)	79.4	18.6	13.7	69.5	55.9	67.4	72.7	60.5	51.0	41.1	
Commercial disappearance (mil. lb.)	1,186.3	1,179.8	1,108.7	101.0	92.4	88.0	89.2	86.8	84.6	--	
American cheese											
Production (mil. lb.)	3,131.4	3,280.8	3,285.2	261.2	289.7	293.1	287.8	277.3	261.1	246.1	
Stocks, beginning (mil. lb.)	310.4	307.0	379.9	461.0	421.5	442.2	443.2	450.1	460.9	441.7	
Commercial disappearance (mil. lb.)	3,148.5	3,230.1	3,268.6	287.9	272.3	295.1	282.9	269.0	281.1	--	
Other cheese											
Production (mil. lb.)	3,785.5	3,936.7	4,043.8	343.0	351.6	360.0	353.3	335.3	334.9	335.5	
Stocks, beginning (mil. lb.)	126.8	105.3	107.3	122.8	98.2	103.1	108.8	133.6	134.4	135.2	
Commercial disappearance (mil. lb.)	4,125.6	4,243.0	4,365.5	381.4	368.1	377.9	352.2	363.0	360.9	--	
Nonfat dry milk											
Production (mil. lb.)	1,233.0	1,061.8	1,271.6	77.4	120.4	121.3	104.2	90.2	75.5	63.0	
Stocks, beginning (mil. lb.)	131.2	85.0	71.4	160.0	128.9	161.2	186.8	198.2	203.3	185.6	
Commercial disappearance (mil. lb.)	923.7	1,009.0	894.1	63.9	73.1	65.4	80.1	69.8	85.5	--	
Frozen dessert											
Production (mil. gal.) <sup>6</sup>	1,229.6	1,240.9	1,281.4	103.3	115.4	118.9	132.2	135.0	122.0	112.1	
	Annual			1997			1998				
	1995	1996	1997	I	II	III	IV	I	II	III	

-- = Not available. Quarterly values for latest year are preliminary. 1. Manufacturing grade milk. 2. Grade AA Chicago before June 1998. 3. Prices paid f.o.b.

Central States production area. 4. Milk equivalent, fat basis. 5. Monthly data ERS estimates. 6. Hard ice cream, ice milk, and hard sherbet. *Information contact: LaVerne Williams (202) 694-5190*

**Table 15—Wool**

	Annual			1996			1997			1998		
	1995	1996	1997	IV	I	II	III	IV	I	II	III	
U.S. wool price (¢/lb.) <sup>1</sup>	258	193	238	191	196	244	255	258	209	178		
Imported wool price (¢/lb.) <sup>2</sup>	249	196	206	191	196	210	213	204	192	176		
U.S. mill consumption, scoured												
Apparel wool (1,000 lb.)	129,299	129,525	130,386	23,092	33,124	33,830	30,638	32,794	29,208	29,591		
Carpet wool (1,000 lb.)	12,667	12,311	13,576	3,111	3,437	3,324	3,395	3,420	3,549	3,729		

1. Wool price delivered at U.S. mills, clean basis, Graded Territory 64fs (20.60-22.04 microns) staple 2-3/4" and up. 2. Wool price, Charleston, SC warehouse, clean basis, Australian 60/62fs, type 64A (24 micron). Duty since 1982 has been 10 cents. *Information contact: Mae Dean Johnson (202) 694-5299*

**Table 16—Meat Animals**

	Annual			1997			1998				
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct	
Cattle on feed (7 states, 1000+ head capacity)											
Number on feed (1,000 head) <sup>1</sup>	8,031	8,667	8,943	8,558	8,295	8,289	7,825	8,985	7,750	8,376	
Placed on feed (1,000 head)	20,034	19,564	20,765	2,454	1,740	1,314	1,677	2,031	2,254	2,396	
Marketings (1,000 head)	18,753	18,636	19,552	1,545	1,681	1,727	1,755	1,942	1,577	1,532	
Other disappearance (1,000 head)	674	652	701	77	65	51	41	52	51	45	
Market prices (\$/cwt)											
Slaughter cattle											
Choice steers, 1,100-1,300 lb.											
Texas	66.69	65.06	65.99	66.93	64.52	63.85	60.28	58.75	57.93	61.54	
Neb. direct	66.26	65.05	66.32	67.08	64.40	63.26	59.97	58.65	58.28	62.00	
Boning utility cows, Sioux Falls	35.58	30.33	34.27	31.71	39.30	39.61	36.11	36.06	33.47	31.60	
Feeder steers											
Medium no. 1, Oklahoma City											
600-650 lb.	70.49	61.31	81.34	79.55	85.86	77.40	72.96	72.24	70.37	71.67	
750-800 lb.	68.03	61.08	76.19	76.84	73.95	73.10	69.13	66.93	67.61	71.26	
Slaughter hogs											
Barrows and gilts, 230-250 lb.											
Iowa, S. Minn.	42.35	53.39	51.36	46.62	42.00	41.57	35.91	35.11	29.37	26.98	
5 markets	41.99	53.42	51.30	46.17	41.74	41.40	36.07	34.62	30.18	26.91	
Sows, 5 markets	32.62	44.61	44.51	39.32	30.37	30.54	26.77	23.39	19.83	20.98	
Slaughter sheep and lambs											
Lambs, Choice, San Angelo	75.86	85.27	87.95	82.75	73.00	91.21	82.21	82.05	69.50	67.20	
Ewes, Good, San Angelo	33.91	39.05	49.33	45.44	35.13	37.88	36.21	35.55	36.00	33.75	
Feeder lambs											
Choice, San Angelo	81.08	94.88	104.43	96.31	76.56	88.00	76.43	82.05	74.75	70.10	
Wholesale meat prices, Midwest											
Boxed beef cut-out value											
Choice, 700-800 lb.	106.09	102.01	102.75	102.86	101.49	99.58	98.46	102.16	96.66	101.09	
Select, 700-800 lb.	98.45	95.34	96.15	93.27	92.24	94.71	90.41	90.65	90.59	87.41	
Canner and cutter cow beef	68.67	58.18	64.50	59.76	66.58	63.50	62.83	62.13	56.50	55.22	
Pork cutout	--	--	--	--	63.94	62.45	57.62	57.25	50.72	48.18	
Pork loins, bone-in, 1/4 " trim, 14-19 lb.	126.99	138.73	128.75	99.68	130.64	113.13	106.51	105.90	97.23	99.63	
Pork bellies, 12-14 lb.	43.04	69.96	73.91	57.97	57.87	63.10	68.46	72.99	57.49	42.05	
Hams, bone-in, trimmed, 23-27 lb.	--	--	--	--	47.11	50.25	47.06	46.00	45.01	44.75	
All fresh beef retail price	259.42	252.44	253.72	254.02	254.45	251.66	251.93	255.11	250.61	252.62	
Commercial slaughter (1,000 head) <sup>2</sup>											
Cattle	35,639	36,583	36,351	3,224	2,958	3,109	3,039	3,040	2,992	3,053	
Steers	18,274	17,819	17,554	1,444	1,486	1,599	1,569	1,554	1,451	1,515	
Heifers	10,399	10,756	11,538	1,092	962	967	929	950	987	1,069	
Cows	6,281	7,274	6,563	624	457	488	489	483	500	528	
Bull and stags	686	728	696	64	53	55	52	53	54	53	
Calves	1,430	1,768	1,574	141	102	116	133	125	135	125	
Sheep and lambs	4,560	4,184	3,911	335	281	294	281	275	306	323	
Hogs	96,326	92,394	91,566	8,777	7,572	7,730	8,269	8,168	8,601	9,349	
Barrows and gilts	91,683	88,224	88,253	8,439	7,269	7,391	7,902	7,822	8,255	9,000	
Commercial production (mil. lb.)											
Beef	25,117	25,421	25,384	2,300	2,124	2,249	2,213	2,228	2,197	2,235	
Veal	307	368	323	28	19	20	21	20	20	21	
Lamb and mutton	284	265	257	22	19	19	18	17	19	20	
Pork	17,810	17,084	17,245	1,652	3,582	1,444	1,529	1,505	1,591	1,757	
	Annual			1997			1998				
	1995	1996	1997	I	II	III	IV	I	II	III	
Hogs and pigs (U.S.) <sup>3</sup>											
Inventory (1,000 head) <sup>1</sup>	59,990	58,264	56,141	56,141	55,838	58,263	61,163	60,915	60,070	61,600	
Breeding (1,000 head) <sup>1</sup>	7,060	6,839	6,667	6,667	6,842	6,960	6,944	6,986	6,986	7,018	
Market (1,000 head) <sup>1</sup>	52,930	51,425	49,474	49,474	48,996	51,303	54,219	53,929	53,084	54,582	
Farrowings (1,000 head)	11,847	11,187	11,440	2,702	2,944	2,959	2,929	2,898	3,055	3,034	
Pig crop (1,000 head)	98,515	94,956	98,972	23,264	25,471	25,796	25,315	25,164	26,714	--	
Cattle on Feed, 7 states (1,000 head) <sup>4</sup>											
Steers and Steer Calves	5,218	5,588	5,410	5,410	5,417	4,615	5,147	5,803	5,245	4,609	
Heifers and Heifer Calves	2,785	3,005	3,455	3,455	3,431	3,026	3,383	3,615	3,325	3,191	
Cows and Bulls	30	74	78	78	56	38	28	37	37	26	

-- = Not available. 1. Beginning of period. 2. Classes estimated. 3. Quarters are Dec. of preceding year to Feb. (I), Mar.-May (II), June-Aug. (III), and Sept.-Nov. (IV). 4. Beginning of period. The 7 states include AZ, CA, CO, IA, KS, NE, and TX. Information contact: Leland Southard (202) 694-5187

## Crops & Products

Table 17—Supply & Utilization<sup>1,2</sup>

	Area			Yield	Production	Total supply <sup>4</sup>	Feed	Other	Exports	Total use	Ending stocks	Farm price <sup>5</sup>
	Set aside <sup>3</sup>	Planted	Harvested				& residual	domestic use				
	Mil. Acres	Bu./acre	Mil. bu.									
Wheat												\$/bu.
1994/95	5.2	70.3	61.8	37.6	2,321	2,981	344	942	1,188	2,475	507	3.45
1995/96	6.1	69.1	60.9	35.8	2,183	2,757	153	987	1,241	2,381	376	4.55
1996/97	--	75.6	62.9	36.3	2,285	2,753	314	995	1,001	2,310	444	4.30
1997/98*	--	71.0	63.6	39.7	2,527	3,065	293	1,010	1,040	2,342	722	3.38
1998/99*	--	66.2	59.1	43.3	2,557	3,370	375	1,018	1,150	2,543	827	2.55-2.75
Rice <sup>6</sup>												\$/cwt
1994/95	0.3	3.4	3.3	5,964.0	197.8	230.9	--	6/ 100.7	98.9	199.6	31.3	6.78
1995/96	0.5	3.1	3.1	5,621.0	173.9	212.6	--	6/ 104.6	83.0	187.6	25.0	9.15
1996/97	--	2.8	2.8	6,121.0	171.3	206.3	--	6/ 100.7	78.4	179.1	27.2	9.96
1997/98*	--	3.1	3.0	5,896.0	178.9	215.3	--	6/ 102.4	85.2	187.6	27.7	9.64
1998/99*	--	3.2	3.2	5,660.0	180.4	218.0	--	6/ 108.4	85.0	193.4	24.6	9.00-9.50
Corn												\$/bu.
1994/95	2.4	79.2	72.9	138.6	10,103	10,962	5,523	1,704	2,177	9,405	1,558	2.26
1995/96	7.7	71.2	65.0	113.5	7,374	8,948	4,682	1,612	2,228	8,522	426	3.24
1996/97	--	79.5	73.1	127.1	9,293	9,733	5,362	1,692	1,795	8,849	883	2.71
1997/98*	--	80.2	73.7	127.0	9,366	10,258	5,664	1,782	1,504	8,950	1,308	2.45
1998/99*	--	80.8	73.8	133.3	9,836	11,154	5,850	1,850	1,675	9,375	1,779	1.80-2.20
Sorghum												\$/bu.
1994/95	1.6	9.8	8.9	72.8	649	697	380	22	223	625	72	2.13
1995/96	1.7	9.5	8.3	55.6	460	532	297	19	198	514	18	3.19
1996/97	--	13.2	11.9	67.5	803	821	524	45	205	774	47	2.34
1997/98*	--	10.1	9.4	69.5	653	701	385	55	212	652	49	2.20
1998/99*	--	9.7	7.8	66.5	521	570	275	45	195	515	55	1.65-2.05
Barley												\$/bu.
1994/95	2.7	7.2	6.7	56.2	375	580	228	173	66	467	113	2.03
1995/96	2.9	6.7	6.3	57.3	360	513	179	172	62	413	100	2.89
1996/97	--	7.1	6.8	58.5	396	532	220	172	31	423	109	2.74
1997/98*	--	6.9	6.4	58.3	374	524	158	172	74	404	120	2.38
1998/99*	--	6.5	6.0	59.9	358	508	185	172	35	392	116	1.80-2.10
Oats												\$/bu.
1994/95	0.6	6.6	4.0	57.1	229	428	234	92	1	327	101	1.22
1995/96	0.8	6.3	3.0	54.7	162	343	183	92	2	277	66	1.67
1996/97	--	4.7	2.7	57.8	155	319	155	95	3	252	67	1.96
1997/98*	--	5.2	2.9	60.5	176	341	170	95	2	267	74	1.60
1998/99*	--	4.9	2.8	60.5	170	334	165	95	2	262	72	1.10-1.20
Soybeans <sup>7</sup>												\$/bu.
1994/95	--	61.7	60.9	41.4	2,517	2,731	153	1,405	838	2,396	335	5.48
1995/96	--	62.6	61.6	35.3	2,177	2,516	112	1,370	851	2,333	183	6.72
1996/97	--	64.2	63.4	37.6	2,382	2,575	126	1,436	882	2,443	131	7.35
1997/98*	--	70.6	69.6	38.8	2,703	2,839	171	1,597	870	2,639	200	6.45
1998/99*	--	72.7	71.6	38.6	2,763	2,968	148	1,615	840	2,603	365	5.15-5.75
Soybean oil												ø/lb.
1994/95	--	--	--	--	15,613	16,733	--	12,916	2,680	15,597	1,137	27.58
1995/96	--	--	--	--	15,240	16,472	--	13,465	992	14,457	2,015	24.75
1996/97	--	--	--	--	15,752	17,821	--	14,263	2,037	16,300	1,520	22.50
1997/98*	--	--	--	--	18,143	19,721	--	15,162	3,175	18,337	1,384	25.84
1998/99*	--	--	--	--	18,250	19,690	--	15,400	2,700	18,100	1,590	25.50-28.00
Soybean meal												\$/ton <sup>8</sup>
1994/95	--	--	--	--	33,270	33,483	--	26,542	6,717	33,260	223	162.6
1995/96	--	--	--	--	32,527	32,826	--	26,611	6,002	32,613	212	236.0
1996/97	--	--	--	--	34,210	34,524	--	27,320	6,994	34,314	210	270.9
1997/98*	--	--	--	--	38,171	38,436	--	28,868	9,350	38,218	218	185.5
1998/99*	--	--	--	--	38,232	38,500	--	29,600	8,650	38,250	250	135-155

See footnotes at end of table, next page

**Table 17—Supply & Utilization (continued)**

Set aside <sup>3</sup>	Area			Yield	Production	Total Supply <sup>4</sup>	Feed & residual	Other domestic use		Total Use	Ending stocks	Farm price <sup>5</sup>
	Mil. Acres	Planted	Harvested					Mil. Bales	Exports			
<b>Cotton<sup>9</sup></b>												
1994/95	1.7	13.7	13.3	709	19.7	23.2	--	11.2	9.4	20.6	2.7	72.0
1995/96	0.3	16.9	16.0	537	17.9	21.0	--	10.6	7.7	18.3	2.6	75.4
1996/97	--	14.6	12.9	707	18.9	22.0	--	11.1	6.9	18.0	4.0	69.3
1997/98*	--	13.8	13.3	680	18.8	22.8	--	11.3	7.5	18.8	3.9	65.2
1998/99*	--	12.9	10.4	612	13.2	17.4	--	10.6	4.5	15.1	2.3	--

-- = Not available or not applicable. \*November 10, 1998 Supply and Demand Estimates. 1. Marketing year beginning June 1 for wheat, barley, and oats; August 1 for cotton and rice; September 1 for soybeans, corn, and sorghum; October 1 for soymeal and soyoil. 2. Conversion factors: Hectare (ha.) = 2.471 acres, 1 metric ton = 2,204.622 pounds, 36.7437 bushels of wheat or soybeans, 39.3679 bushels of corn or sorghum, 45.9296 bushels of barley, 68.8944 bushels of oats, 22.046 cwt of rice, and 4.59 480-pound bales of cotton. 3. Includes diversion, acreage reduction, 50-92, & 0-92 programs. 0/92 & 50/92 set-aside includes idled acreage and acreage planted to minor oilseeds, sesame, and crambe. 4. Includes imports. 5. Marketing-year weighted average price received by farmers. Does not include an allowance for loans outstanding and government purchases. 6. Residual included in domestic use. 7. Includes seed. 8. Simple average of 48 percent, Decatur. 9. Upland and extra-long staple. Stocks estimates based on Census Bureau data, resulting in an unaccounted difference between supply and use estimates and changes in ending stocks. Information contacts: Wheat, rice, feed grains, Jenny Gonzales (202) 694-5296; soybeans, soybean products, and cotton, Mae Dean Johnson (202) 694-5299

**Table 18—Cash Prices, Selected U.S. Commodities**

	Marketing year <sup>1</sup>			1997			1998				
	1995/96	1996/97	1997/98	Sep	Apr	May	Jun	Jul	Aug	Sep	
Wheat, no. 1 HRW, Kansas City (\$/bu.) <sup>2</sup>	5.49	4.88	3.71	3.86	3.39	3.41	3.16	3.02	2.74	2.81	
Wheat, DNS, Minneapolis (\$/bu.) <sup>3</sup>	5.72	4.96	4.31	4.36	4.29	4.24	4.01	3.89	3.58	3.53	
Rice, S.W. La. (\$/cwt) <sup>4</sup>	18.90	20.34	18.92	19.40	18.38	18.31	18.50	18.50	18.35	17.50	
Corn, no. 2 yellow, 30-day, Chicago (\$/bu.) <sup>5</sup>	3.97	2.84	2.56	2.66	2.53	2.50	2.44	2.27	1.97	1.84	
Sorghum, no. 2 yellow, Kansas City (\$/cwt) <sup>5</sup>	6.66	4.54	4.11	4.13	4.10	4.09	4.03	3.74	3.27	2.98	
Barley, feed, Duluth (\$/bu.)	2.67	2.32	1.90	2.29	1.42	--	--	1.23	--	--	
Barley, malting Minneapolis (\$/bu.)	3.69	3.18	2.50	2.74	--	--	--	--	2.30	--	
U.S. cotton price, SLM, 1-1/16 in. (\$/lb.) <sup>6</sup>	83.00	71.60	67.79	70.75	61.88	65.21	73.50	74.18	71.87	71.75	
Northern Europe prices cotton index (\$/lb.) <sup>7</sup>	85.60	78.66	72.11	79.53	65.08	64.61	68.06	69.36	68.13	66.16	
U.S. M 1-3/32 in. (\$/lb.) <sup>8</sup>	94.70	82.86	77.98	82.50	71.75	73.06	80.63	81.35	76.94	77.75	
Soybeans, no. 1 yellow, 30-day Chicago (\$/bu)	6.72	7.38	6.51	6.49	6.43	6.42	6.31	6.26	5.31	5.01	
Soybean oil, crude, Decatur (\$/lb.)	24.75	22.50	24.69	22.88	28.10	28.27	25.83	24.88	23.99	25.13	
Soybean meal, 48% protein, Decatur (\$/ton)	236.00	270.90	276.78	278.30	162.50	160.00	168.60	183.40	146.25	135.80	

-- = No quotes. 1. Beginning June 1 for wheat and barley; Aug. 1 for rice and cotton; September 1 for corn, sorghum, and soybeans; October 1 for soymeal and oil. 2. Ordinary protein. 3. 14 percent protein. 4. Long grain, milled basis. 5. Marketing year 1997/98 data are preliminary. 6. Average spot market.

7. Liverpool Cotlook "A" Index; average of 5 lowest prices of 13 selected growths. 8. Cotton, Memphis territory growths. Information contacts: Wheat, rice, and feed, Jenny Gonzales (202) 694-5296; soybeans, soybean products, and cotton, Mae Dean Johnson (202) 694-5299

**Table 19—Farm Programs, Price Supports, Participation, & Payment Rates**

	Target price	Basic loan rate	Findley or announced loan rate <sup>1</sup>	Total deficiency payment rate	Effective base acres <sup>2</sup>	Program <sup>3</sup>	Flexibility contract payment		Acres under contract	Contract payment yields	Participation rate <sup>4</sup>
							Mil. acres	Percent of base			
\$/bu.											
<b>Wheat</b>							Mil. acres	Percent of base	\$/bu.	Mil. acres	Bu./cwt
1994/95	4.00	2.72	2.58	0.61	78.10	0/0/0	--	--	--	--	87
1995/96	4.00	2.69	2.58	0.00	77.70	0/0/0	--	--	--	--	85
1996/97	--	--	2.58	--	--	--	0.874	76.7	34.70	99	
1997/98	--	--	2.58	--	--	--	0.631	76.7	34.70	--	
1998/99 <sup>5</sup>	--	--	2.58	--	--	--	0.663	78.9	34.50	--	
\$/cwt											
<b>Rice</b>											
1994/95	10.71	6.50	5.88 <sup>6</sup>	3.79	4.20	0/0/0	--	--	--	--	95
1995/96	10.71	6.50	6.50 <sup>6</sup>	3.22 <sup>7</sup>	4.20	5/0/0	--	--	--	--	95
1996/97	--	6.50	--	--	--	--	2.766	4.2	48.27	99	
1997/98	--	6.50	--	--	--	--	2.710	4.2	48.17	--	
1998/99 <sup>5</sup>	--	6.50	--	--	--	--	2.921	4.2	48.17	--	
\$/bu.											
<b>Corn</b>											
1994/95	2.75	1.99	1.89	0.57	81.50	0/0/0	--	--	--	--	81
1995/96	2.75	1.94	1.89	0.00	81.80	7.5/0/0	--	--	--	--	82
1996/97	--	--	1.89	--	--	--	0.251	80.7	102.90	98	
1997/98	--	--	1.89	--	--	--	0.486	80.9	102.80	--	
1998/99 <sup>5</sup>	--	--	1.89	--	--	--	0.377	82.0	102.60	--	
\$/bu.											
<b>Sorghum</b>											
1994/95	2.61	1.89	1.80	0.59	13.50	0/0/0	--	--	--	--	81
1995/96	2.61	1.84	1.80	0.00	13.30	0/0/0	--	--	--	--	77
1996/97	--	--	1.81	--	--	--	0.323	13.1	57.30	99	
1997/98	--	--	1.76	--	--	--	0.544	13.1	57.30	--	
1998/99 <sup>5</sup>	--	--	1.74	--	--	--	0.452	13.6	56.90	--	
\$/bu.											
<b>Barley</b>											
1994/95	2.36	1.62	1.54	0.52	10.70	0/0/0	--	--	--	--	84
1995/96	2.36	1.58	1.54	0.00	10.70	0/0/0	--	--	--	--	82
1996/97	--	--	1.55	--	--	--	0.332	10.5	47.30	99	
1997/98	--	--	1.57	--	--	--	0.277	10.5	47.20	--	
1998/99 <sup>5</sup>	--	--	1.56	--	--	--	0.284	11.2	46.70	--	
\$/bu.											
<b>Oats</b>											
1994/95	1.45	1.02	0.97	0.19	6.80	0/0/0	--	--	--	--	40
1995/96	1.45	1.00	0.97	0.00	6.50	0/0/0	--	--	--	--	44
1996/97	--	--	1.03	--	--	--	0.033	6.2	50.80	97	
1997/98	--	--	1.11	--	--	--	0.031	6.2	50.80	--	
1998/99 <sup>5</sup>	--	--	1.11	--	--	--	0.031	6.5	50.70	--	
\$/bu.											
<b>Soybeans<sup>8</sup></b>											
1994/95	--	--	4.92	--	--	--	--	--	--	--	--
1995/96	--	--	4.92	--	--	--	--	--	--	--	--
1996/97	--	--	4.97	--	--	--	--	--	--	--	--
1997/98	--	--	5.26	--	--	--	--	--	--	--	--
1998/99	--	--	5.26	--	--	--	--	--	--	--	--
¢/lb.											
<b>Upland cotton</b>											
1994/95	72.90	50.00	50.00 <sup>9</sup>	4.60	15.30	11/0/0	--	--	--	--	89
1995/96	72.90	51.92	51.92 <sup>9</sup>	0.00 <sup>7</sup>	15.50	0/0/0	--	--	--	--	79
1996/97	--	51.92	--	--	--	--	8.882	16.2	610.00	99	
1997/98	--	51.92	--	--	--	--	7.625	16.2	608.00	--	
1998/99 <sup>5</sup>	--	51.92	--	--	--	--	8.173	16.4	604.00	--	

-- = Not available. 1. There are no Findley loan rates for rice or cotton. See footnotes 5 and 7. 2. Prior to 1996, national effective crop acreage base as determined by FSA. Net of CRP. 3. Program requirements for participating producers (mandatory acreage reduction program/mandatory paid land diversion/optional paid land diversion). Acres idled must be devoted to a conserving use to receive program benefits. 4. Percentage of effective base enrolled in acreage reduction programs. Starting in 1996, participation rate is the percent of eligible acres that entered production flexibility contracts.

5. Estimated payment rates and acres under contract. 6. A marketing loan has been in effect for rice since 1985/86. Loans may be repaid at the lower of: a) the loan rate or b) the adjusted world market price(announced weekly). Loans cannot be repaid at less than a specified fraction of the loan rate. Data refer to marketing-year average loan repayment rates. Beginning with the 1996 crop, loans are repaid at the lower of the loan rate plus accumulated interest or the adjusted world price. 7. Guaranteed payment rates for producers in the 50/85/92 program were \$0.034/lb. for upland cotton and \$4.21/cwt. for rice. 8. There are no target prices, base acres, acreage reduction programs or deficiency payment rates for soybeans. 9. A marketing loan has been in effect for cotton since 1986/87. In 1987/88 and after, loans may be repaid at the lower of: a) the loan rate or b) the adjusted world market price (announced weekly; Plan B). Starting in 1991/92, loans cannot be repaid at less than 70 percent of the loan rate. Data refer to annual average loan repayment rates. Beginning with the 1996 crop, loans are repaid at the lower of the loan rate plus accumulated interest or the adjusted world price.

Note: The 1996 Act replaced target prices and deficiency payments with fixed annual payments to producers. Information contact: Brenda Cheunning, Farm Service Agency (202) 720-8838

**Table 20—Fruit**

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Citrus <sup>1</sup>										
Production (1,000 tons)	13,186	10,860	11,285	12,452	15,274	14,561	15,799	15,712	17,247	18,029
Per capita consumpt. (lb.) <sup>2</sup>	23.6	21.4	19.1	24.4	26.0	25.0	24.1	25.0	26.8	--
Noncitrus <sup>3</sup>										
Production (1,000 tons)	16,345	15,640	15,740	17,124	16,563	17,341	16,358	16,114	18,390	--
Per capita consumpt. (lb.) <sup>2</sup>	72.3	70.7	70.6	74.5	73.1	75.6	73.7	74.0	76.0	--
	1997					1998				
	Oct	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Grower prices										
Apples (¢/pound) <sup>4</sup>	25.3	21.6	21.3	19.2	18.2	16.3	16.1	19.0	22.7	22.8
Pears (¢/pound) <sup>4</sup>	18.05	13.00	12.15	14.60	18.65	17.65	20.25	22.85	21.00	23.95
Oranges (\$/box) <sup>5</sup>	3.90	3.73	5.14	5.79	5.86	6.70	6.71	5.37	4.97	5.42
Grapefruit (\$/box) <sup>5</sup>	4.15	1.61	1.03	1.36	0.42	3.58	3.66	6.01	11.09	3.88
Stocks, ending										
Fresh apples (mil. lb.)	5,701	2,841	2,277	1,626	1,113	637	322	133	3,437	--
Fresh pears (mil. lb.)	585	212	125	61	32	4	0	94	534	--
Frozen fruits (mil. lb.)	1,440	1,009	882	808	764	836	1,040	1,032	1,044	--
Frozen conc. orange juice (mil. single-strength gallons)	466	828	826	1,010	1,066	999	914	827	733	--

-- = Not available. 1. Year shown is when harvest concluded. 2. Fresh per capita consumption. 3. Calendar year. 4. Fresh use. 5. U.S. equivalent on-tree returns. Information contact: Susan Pollack (202) 694-5251

**Table 21—Vegetables**

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Production <sup>1</sup>										
Total vegetables (1,000 cwt)	543,435	562,938	565,754	677,975	675,793	762,934	742,595	759,347	752,266	--
Fresh (1,000 cwt) <sup>2,4</sup>	254,418	254,039	242,733	393,249	377,698	396,671	391,699	408,823	428,171	--
Processed (tons) <sup>3,4</sup>	14,450,860	15,444,970	16,151,030	14,236,320	14,904,750	18,313,150	17,544,780	17,526,190	16,204,740	--
Mushrooms (1,000 lbs) <sup>5</sup>	714,992	749,151	746,832	776,357	750,799	782,340	777,870	776,677	808,602	--
Potatoes (1,000 cwt)	370,444	402,110	417,622	425,367	428,693	467,054	443,606	498,633	465,537	--
Sweetpotatoes (1,000 cwt)	11,358	12,594	11,203	12,005	11,053	13,395	12,906	13,456	13,512	--
Dry edible beans (1,000 cwt)	23,729	32,379	33,765	22,615	21,913	29,028	30,812	27,960	29,156	31,070
	1997	1998				1998				
	Oct	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Shipments (1,000 cwt)										
Fresh	18,514	18,723	20,292	28,362	28,082	29,181	26,104	18,422	18,851	15,727
Iceberg lettuce	3,129	3,233	3,094	4,125	3,628	3,377	4,021	3,099	3,900	3,049
Tomatoes, all	3,250	3,057	3,647	4,767	3,540	3,031	2,858	2,667	2,927	2,568
Dry-bulb onions	4,031	3,436	2,753	4,009	3,584	3,006	3,255	3,278	3,783	3,049
Others <sup>6</sup>	8,104	8,997	10,798	15,461	17,330	19,767	15,970	9,378	8,241	7,061
Potatoes, all	12,577	11,870	15,619	23,416	14,554	11,965	12,734	9,569	12,695	11,498
Sweetpotatoes	805	180	252	373	213	147	140	96	289	326

-- = Not available. 1. Calendar year except mushrooms. 2. Includes fresh production of asparagus, broccoli, carrots, cauliflower, celery, sweet corn, lettuce, honeydews, onions, & tomatoes through 1991. 3. Includes processing production of snap beans, sweet corn, green peas, tomatoes, cucumbers (for pickles), asparagus, broccoli, carrots, and cauliflower. 4. Data after 1991 not comparable to previous years because commodity estimates reinstated in 1992 are included.

5. Fresh and processing agaricus mushrooms only. Excludes specialty varieties. Crop year July 1- June 30. 6. Includes snap beans, broccoli, cabbage, cauliflower, celery, sweet corn, cucumbers, eggplant, bell peppers, honeydews, and watermelons. Information contact: Gary Lucier (202) 694-5253

**Table 22—Other Commodities**

	Annual			1997				1998		
	1995	1996	1997	I	II	III	IV	I	II	III
<b>Sugar</b>										
Production <sup>1</sup>	7,978	7,268	7,418	2,075	679	576	4,088	2,376	824	733
Deliveries <sup>1</sup>	9,451	9,633	9,764	2,215	2,430	2,642	2,469	2,261	2,465	2,616
Stocks, ending <sup>1</sup>	2,908	3,195	3,376	3,901	2,734	1,487	3,195	3,917	2,881	1,675
<b>Coffee</b>										
Composite green price <sup>2</sup>										
N.Y. (¢/lb.)	142.18	109.35	146.49	134.80	172.99	143.29	134.89	143.58	117.73	98.57
	Annual			1997				1998		
	1995	1996	1997	Oct	May	Jun	Jul	Aug	Sep	Oct
<b>Tobacco</b>										
Avg. price to grower <sup>3</sup>										
Flue-cured (\$/lb.)	1.79	1.83	1.73	1.79	0	0	1.63	1.62	1.79	1.87
Burley (\$/lb.)	1.85	1.92	1.86							
Domestic taxable removals										
Cigarettes (bil.)	490.3	486.0	471.4	30.1	39.9	42.6	0	0	0	0
Large cigars (mil.) <sup>4</sup>	2,561.7	3,166.4	3,552.9	323.4	322.9	338.0	0	0	0	0

-- = Not available. 1. 1,000 short tons, raw value. Quarterly data shown at end of each quarter. 2. Net imports of green and processed coffee. 3. Crop year July-June for flue-cured, October-September for burley. 4. Includes imports of large cigars. Information contacts: sugar, Fanny Jolly (202) 694-5249; tobacco, Tom Capehart (202) 694-5245

## World Agriculture

**Table 23—World Supply & Utilization of Major Crops, Livestock & Products**

	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99 F
<i>Million units</i>										
<b>Wheat</b>										
Area (hectares)	225.8	231.4	222.5	223.1	222.4	215.5	219.8	231.3	229.9	225.6
Production (metric tons)	533.2	588.0	542.9	562.2	559.4	525.2	538.1	583.3	611.7	590.6
Exports (metric tons) <sup>1</sup>	103.7	101.1	111.1	112.7	101.1	100.0	98.0	100.1	100.1	97.9
Consumption (metric tons) <sup>2</sup>	532.7	561.9	555.5	550.2	562.3	548.1	550.8	577.9	588.0	601.8
Ending stocks (metric tons) <sup>3</sup>	118.9	145.1	132.5	144.5	141.5	118.6	105.9	111.3	135.0	123.8
<b>Coarse grains</b>										
Area (hectares)	321.9	316.3	321.9	323.8	317.5	323.2	313.6	322.8	314.6	310.7
Production (metric tons)	793.7	828.7	810.5	871.9	799.5	873.2	802.0	908.2	888.6	882.9
Exports (metric tons) <sup>1</sup>	104.7	89.1	95.6	91.9	85.3	98.0	87.9	93.3	86.9	86.5
Consumption (metric tons) <sup>2</sup>	817.7	817.1	809.7	843.8	839.2	860.8	840.3	879.1	880.7	880.4
Ending stocks (metric tons) <sup>3</sup>	123.2	134.8	135.6	163.6	123.8	136.2	97.9	126.9	134.8	137.3
<b>Rice, milled</b>										
Area (hectares)	146.5	146.6	147.4	146.7	145.5	147.9	148.1	149.8	148.2	149.0
Production (metric tons)	343.9	352.0	354.7	355.8	355.6	364.8	371.2	380.2	385.4	376.3
Exports (metric tons) <sup>1</sup>	11.7	12.1	14.1	14.9	16.4	21.0	19.5	18.9	24.9	20.4
Consumption (metric tons) <sup>2</sup>	338.2	347.4	356.4	357.9	358.7	366.9	371.2	379.1	384.4	385.1
Ending stocks (metric tons) <sup>3</sup>	54.5	59.1	57.5	55.3	52.2	50.1	50.1	51.2	52.2	43.4
<b>Total grains</b>										
Area (hectares)	694.2	694.3	691.8	693.6	685.4	686.6	681.5	703.9	692.7	685.3
Production (metric tons)	1,670.8	1,768.7	1,708.1	1,789.9	1,714.5	1,763.2	1,711.3	1,871.7	1,885.7	1,849.8
Exports (metric tons) <sup>1</sup>	220.1	202.3	220.8	219.5	202.8	219.0	205.4	212.3	211.9	204.8
Consumption (metric tons) <sup>2</sup>	1,688.6	1,726.4	1,721.6	1,751.9	1,760.2	1,775.8	1,762.3	1,836.1	1,853.1	1,867.3
Ending stocks (metric tons) <sup>3</sup>	296.6	339.0	325.6	363.4	317.5	304.9	253.9	289.4	322.0	304.5
<b>Oilseeds</b>										
Crush (metric tons)	171.7	176.7	185.1	184.4	190.1	208.1	217.5	219.1	229.6	235.5
Production (metric tons)	212.4	215.7	224.3	227.5	229.4	261.8	258.5	261.2	287.1	290.8
Exports (metric tons)	35.6	33.4	37.6	38.2	38.7	44.1	44.3	49.4	53.3	52.6
Ending stocks (metric tons)	23.7	23.4	21.9	23.6	20.3	27.2	22.1	16.4	22.2	26.2
<b>Meals</b>										
Production (metric tons)	116.8	119.3	125.2	125.2	131.7	142.1	147.4	149.3	156.1	160.6
Exports (metric tons)	39.8	40.7	42.2	40.8	44.9	46.7	49.7	50.3	51.4	54.2
<b>Oils</b>										
Production (metric tons)	57.1	58.1	60.6	61.1	63.7	69.6	73.2	75.5	76.8	79.8
Exports (metric tons)	20.4	20.5	21.3	21.3	24.3	27.1	26.0	28.8	29.3	29.9
<b>Cotton</b>										
Area (hectares)	31.6	33.2	34.8	32.6	30.7	32.2	35.9	33.8	33.5	32.7
Production (bales)	79.7	87.1	95.7	82.5	76.7	85.6	93.0	89.4	91.1	84.8
Exports (bales)	31.3	29.8	28.2	25.6	26.7	28.4	27.8	26.9	26.3	25.2
Consumption (bales)	86.9	85.6	86.0	85.8	85.5	85.6	87.1	88.2	88.4	86.6
Ending stocks (bales)	24.8	26.9	37.0	34.4	26.3	28.3	33.8	37.0	40.5	38.5
	1990	1991	1992	1993	1994	1995	1996	1997	1998 F	1999 F
<b>Red meat<sup>4,5</sup></b>										
Production (metric tons)	112.3	117.7	117.3	119.3	124.6	130.2	135.5	137.4	133.2	--
Consumption (metric tons)	110.9	116.1	115.7	118.3	123.5	128.7	132.8	135.1	130.1	--
Exports (metric tons) <sup>1</sup>	8.2	7.5	7.4	7.4	8.1	8.2	8.5	8.6	7.6	--
<b>Poultry<sup>4</sup></b>										
Production (metric tons)	33.1	39.6	38.0	40.5	43.9	47.7	50.5	52.7	53.7	55.6
Consumption (metric tons)	32.6	38.4	37.0	39.4	42.5	46.2	48.8	50.8	51.8	53.7
Exports (metric tons) <sup>1</sup>	1.7	2.8	2.4	2.8	3.7	4.6	5.3	5.7	5.5	5.5
<b>Dairy</b>										
Milk production (metric tons) <sup>5</sup>	387.4	377.6	378.4	377.6	378.4	380.8	379.8	381.2	384.3	--

F = forecast. 1. Excludes intra-EU trade but includes intra-FSU trade. 2. Where stocks data are not available, consumption includes changes.

3. Stocks data are based on differing marketing years and do not represent levels at a given date. Data not available for all countries.

4. Calendar year data. 1990 data correspond with 1989/90, etc. 5. Beef and pork only in 1998 and 1999. 6. Data prior to 1989 no longer comparable.

Information contacts: Crops, Ed Allen (202) 694-5288; red meat and poultry, Leland Southard (202) 694-5187; dairy, LaVerne Williams (202) 694-5190

## U.S. Agricultural Trade

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**Table 24—Prices of Principal U.S. Agricultural Trade Products**

	Annual			1997			1998				
	1995	1996	1997	Sep	Apr	May	Jun	Jul	Aug	Sep	
<b>Export commodities</b>											
Wheat, f.o.b. vessel, Gulf ports (\$/bu.)	4.82	5.63	4.35	4.08	3.55	3.50	3.28	3.21	2.96	2.94	
Corn, f.o.b. vessel, Gulf ports (\$/bu.)	3.13	4.17	2.98	2.89	2.72	2.70	2.65	2.56	2.25	2.19	
Grain sorghum, f.o.b. vessel, Gulf ports (\$/bu.)	3.13	3.90	2.89	2.72	2.68	2.63	2.56	2.51	2.34	2.16	
Soybeans, f.o.b. vessel, Gulf ports (\$/bu.)	6.50	7.88	7.94	7.41	6.68	6.66	6.59	6.57	5.83	5.62	
Soybean oil, Decatur (¢/lb.)	26.75	23.75	23.33	22.88	28.10	28.28	25.83	24.88	24.00	25.14	
Soybean meal, Decatur, (\$/ton)	173.70	246.67	266.70	278.29	162.51	160.03	168.55	183.45	146.15	135.83	
Cotton, 7-market avg. spot (¢/lb.)	93.45	77.93	69.62	70.75	61.88	65.21	73.50	74.18	71.87	71.77	
Tobacco, avg. price at auction (¢/lb.)	178.79	183.20	182.74	175.49	169.05	---	---	162.96	159.51	176.99	
Rice, f.o.b., mill, Houston (\$/cwt)	16.68	19.64	20.88	20.55	19.00	19.00	19.00	19.00	18.85	18.75	
Inedible tallow, Chicago (¢/lb.)	19.22	20.13	20.75	20.88	17.38	20.35	19.63	17.31	17.57	16.69	
<b>Import commodities</b>											
Coffee, N.Y. spot (\$/lb.)	1.45	1.29	2.05	2.12	1.57	1.43	1.30	1.20	1.28	1.13	
Rubber, N.Y. spot (¢/lb.)	82.52	72.88	55.40	51.89	41.27	42.65	41.26	40.03	38.58	68.66	
Cocoa beans, N.Y. (\$/lb.)	0.61	0.62	0.69	0.77	0.75	0.78	0.74	0.73	0.72	0.72	

Information contact: Mary Teymourian (202) 694-5173 or [maryt@econ.ag.gov](mailto:maryt@econ.ag.gov)

**Table 25—Trade Balance**

	Calendar Year			1997			1998				
	1997	1997 FY	1998 FY	Sep	Apr	May	Jun	Jul	Aug	Sep	
<i>\$ million</i>											
<b>Exports</b>											
Agricultural	57,245	57,365	53,730	4,489	4,733	4,249	3,928	3,971	3,884	3,467	
Nonagricultural	585,977	569,892	584,077	49,253	48,859	48,774	49,191	44,054	45,692	48,056	
Total <sup>1</sup>	643,222	627,257	637,807	53,742	53,108	52,702	53,162	47,938	49,396	51,523	
<b>Imports</b>											
Agricultural	36,289	35,798	37,014	2,900	3,328	2,981	3,099	2,908	2,857	2,921	
Nonagricultural	828,412	829,548	859,730	73,215	72,059	70,193	73,577	72,818	72,688	74,752	
Total <sup>2</sup>	864,701	865,346	896,744	76,115	75,387	73,174	76,676	75,726	75,545	77,673	
<b>Trade Balance</b>											
Agricultural	20,956	21,567	16,716	1,589	921	947	872	976	847	546	
Nonagricultural	-242,435	-259,656	-275,653	-23,962	-23,200	-21,419	-24,386	-28,764	-26,996	-26,696	
Total	-221,479	-238,089	-258,937	-22,373	-22,279	-20,472	-23,514	-27,788	-26,149	-26,150	

FY = Fiscal years 1997 and 1998. -- = Not available. Fiscal year (Oct. 1-Sep. 30). 1. Domestic exports including Department of Defense shipments (F.A.S. Value). 2. Imports for consumption (customs value). Information contact: Mary Fant (202) 694-5272

**Table 26—Indexes of Real Trade-Weighted Dollar Exchange Rates<sup>1</sup>**

	Annual		1997			1998				
	1995	1996	1997	Sep	Apr	May	Jun	Jul	Aug	Sep
	1990=100									
Total U.S. trade	96.2	100.8	111.9	114.2	116.6	115.6	117.3	118.1	118.8	113.5
Agricultural trade										
U.S. markets	97.3	101.0	109.6	106.7	114.4	115.2	117.7	117.6	119.7	119.5
U.S. competitors	97.4	98.7	109.1	111.2	114.9	114.2	116.2	116.3	116.3	112.6
High-valued products										
U.S. markets	95.2	100.4	108.2	104.5	110.2	111.3	114.0	114.5	117.3	115.1
U.S. competitors	98.3	100.1	110.9	114.0	116.5	115.0	116.5	116.7	116.9	112.7
Corn										
U.S. markets	89.1	96.4	107.1	102.4	112.9	114.5	117.9	118.1	120.5	117.3
U.S. competitors	88.8	90.1	97.4	99.3	101.4	100.7	101.4	102.1	102.0	99.3
Soybeans										
U.S. markets	91.1	96.0	107.9	105.6	114.3	114.6	117.6	117.1	118.2	115.3
U.S. competitors	81.3	80.8	82.2	82.5	85.1	85.0	85.1	85.2	85.4	85.3
Wheat										
U.S. markets	100.4	100.7	105.4	104.5	111.5	112.1	113.3	113.1	114.1	116.1
U.S. competitors	100.8	102.1	109.8	112.1	115.3	115.4	117.1	117.5	119.4	116.5
Vegetables										
U.S. markets	102.2	105.6	112.4	109.5	115.3	116.5	118.9	119.7	122.9	121.2
U.S. competitors	99.1	100.5	112.0	113.8	116.1	114.4	115.9	116.0	116.0	112.0
Red meats										
U.S. markets	84.8	93.3	100.4	98.8	108.0	109.7	113.5	113.7	116.9	113.4
U.S. competitors	96.3	98.0	107.9	110.7	114.1	113.2	114.9	114.9	115.6	111.9
Fruits & fruit juices										
U.S. markets	96.2	101.3	111.3	106.8	112.5	113.6	116.1	117.0	119.7	116.8
U.S. competitors	98.2	98.2	107.2	109.9	113.0	111.6	113.2	113.9	114.2	110.9
Cotton										
U.S. markets	93.6	95.5	105.7	103.4	122.0	124.9	130.3	127.9	126.8	126.3
U.S. competitors	104.6	101.6	103.0	103.6	106.8	106.5	107.7	107.7	108.3	108.7
Poultry										
U.S. markets	107.3	102.8	111.9	101.8	104.0	104.5	106.2	106.4	107.3	122.4
U.S. competitors	93.9	95.7	107.3	109.9	111.1	109.7	111.3	111.4	111.5	107.8

P = preliminary. 1. Real indexes adjust nominal exchange rates to avoid the distortion caused by different levels of inflation among countries. A higher value means the dollar has appreciated. "Total U.S. Trade" Index uses the Federal Reserve Board Index of trade-weighted value of the U.S. dollar against 10 major countries. Weights are based on relative importance of major U.S. customers and competitors in world markets. Indexes are subject to revision for up to one year due to delayed reporting by some countries. High-value products conform to FAS's definition for consumer-oriented agricultural products.

Data are available at <http://mann77.mannlib.cornell.edu/data-sets/international/88021/>. Information contact: Tim Baxter (202) 694-5318 or

Andy Jerardo (202) 694-5323

**Note:** The above indices have been recently revised to reflect a rebasing of the Russian Ruble and to correct errors in the CPI data for Hong Kong and Taiwan. The complete corrected series is available at the above URL.

**Table 27—U.S. Agricultural Exports & Imports**

	Calendar Year			Sept		Calendar Year			Sept	
	1997	1997 FY	1998 FY	1997	1998	1997	1997 FY	1998 FY	1997	1998
	1,000 units					\$ million				
<b>EXPORTS</b>										
Animals, live (no.) <sup>1</sup>	1,802	1,336	1,563	176	46	566	508	538	45	19
Meats and preps., excl. poultry (mt)	1,924	1,823	2,064	184	159	4,597	4,438	4,507	397	336
Dairy products (mt)	126	102	142	11	14	932	869	925	80	79
Poultry meats (mt)	2,585	2,553	2,663	228	147	2,423	2,516	2,347	209	140
Fats, oils, and greases (mt)	1,089	1,056	1,365	99	124	562	543	655	48	55
Hides and skins, incl. furskins	--	--	--	--	--	1,651	1,693	1,358	115	88
Cattle hides, whole (no.) <sup>1</sup>	20,113	20,761	18,992	1,522	1,469	1,187	1,232	969	85	71
Mink pelts (no.) <sup>1</sup>	3,763	3,600	2,990	136	75	97	96	83	5	2
Grains and feeds (mt)	91,120	95,091	87,289	8,813	7,315	15,368	16,368	13,961	1,407	1,027
Wheat (mt)	25,264	24,526	25,791	3,194	2,456	4,095	4,117	3,759	503	301
Wheat flour (mt)	508	511	465	62	58	138	141	117	13	11
Rice (mt)	2,508	2,560	3,310	140	200	932	959	1,132	49	70
Feed grains, incl. products (mt)	49,091	53,796	44,564	4,403	3,623	6,219	7,166	5,187	521	352
Feeds and fodders (mt)	12,352	12,295	11,704	901	858	2,669	2,688	2,421	211	179
Other grain products (mt)	1,397	1,404	1,455	113	120	1,316	1,295	1,345	110	115
Fruits, nuts, and preps. (mt)	3,896	3,830	3,633	296	257	4,235	4,261	3,977	441	313
Fruit juices, incl.										
froz. (1,000 hectoliters) <sup>1</sup>	10,689	10,455	10,658	791	869	662	658	653	48	55
Vegetables and preps. (mt)	3,343	3,294	3,457	208	232	4,144	4,081	4,168	309	295
Tobacco, unmanufactured (mt)	222	238	208	11	10	1,553	1,612	1,448	94	77
Cotton, excl. linters (mt)	1,568	1,566	1,552	65	61	2,682	2,711	2,517	111	97
Seeds (mt)	1,098	1,200	816	71	25	884	913	827	70	45
Sugar, cane or beat (mt) <sup>1</sup>	125	139	123	12	11	54	60	48	5	4
Oilseeds and products (mt)	36,665	33,808	35,966	1,752	1,369	12,057	11,288	10,948	688	439
Oilseeds (mt)	26,764	24,735	24,251	1,212	879	8,326	7,875	6,818	469	240
Soybeans (mt)	26,023	24,027	23,287	1,159	758	7,379	6,950	6,117	335	169
Protein meal (mt)	7,311	6,671	8,666	359	296	1,966	1,795	1,975	90	51
Vegetable oils (mt)	2,590	2,402	3,049	181	193	1,766	1,618	2,191	130	148
Essential oils (mt)	45	46	46	3	4	588	619	533	50	44
Other	361	362	329	34	30	4,287	4,228	4,284	370	353
Total	144,166	145,109	139,653	11,786	9,757	57,245	57,365	53,730	4,489	3,467
<b>IMPORTS</b>										
Animals, live (no.) <sup>1</sup>	5,298	4,989	6,177	424	491	1,594	1,525	1,670	151	149
Meats and preps., excl. poultry (mt)	1,154	1,140	1,230	93	104	2,630	2,583	2,718	215	224
Beef and veal (mt)	797	785	857	62	70	1,609	1,552	1,761	130	144
Pork (mt)	261	260	271	23	26	754	766	686	66	59
Dairy products (mt)	255	265	292	24	26	1,225	1,273	1,368	110	120
Poultry and products <sup>1</sup>	--	--	--	--	--	195	186	207	18	15
Fats, oils, and greases (mt)	80	76	80	7	7	60	58	59	5	5
Hides and skins, incl. furskins (mt)	--	--	--	--	--	206	210	184	12	11
Wool, unmanufactured (mt)	44	38	45	3	2	154	131	151	9	5
Grains and feeds (mt)	7,535	7,639	7,051	624	702	2,963	2,941	2,919	270	264
Fruits, nuts, and preps.,										
excl. juices (mt)	7,252	7,121	7,581	487	473	3,837	3,773	3,982	236	254
Bananas and plantains (mt)	3,998	3,950	4,175	339	330	1,220	1,218	1,214	97	102
Fruit juices (1,000 hectoliters) <sup>1</sup>	27,806	28,829	26,577	1,708	1,822	829	913	669	48	44
Vegetables and preps. (mt)	4,217	4,384	4,987	276	308	3,707	3,604	4,249	238	277
Tobacco, unmanufactured (mt)	294	337	241	32	23	1,089	1,179	822	112	65
Cotton, unmanufactured (mt)	17	27	10	1	1	20	34	11	1	0
Seeds (mt)	224	223	254	12	10	371	357	419	23	23
Nursery stock and cut flowers <sup>1</sup>	--	--	--	--	--	1,004	974	1,082	88	87
Sugar, cane or beet (mt)	2,975	2,938	2,170	445	329	984	1,013	758	138	122
Oilseeds and products (mt)	3,963	3,780	4,314	306	381	2,242	2,248	2,243	163	200
Oilseeds (mt)	1,035	985	1,028	48	54	384	374	371	17	18
Protein meal (mt)	1,048	967	1,277	98	113	188	181	188	17	15
Vegetable oils (mt)	1,880	1,828	2,010	160	214	1,670	1,693	1,684	128	168
Beverages, excl. fruit										
juices (1,000 hectoliters) <sup>1</sup>	21,203	20,426	22,959	1,793	2,066	3,385	3,247	3,705	287	320
Coffee, tea, cocoa, spices (mt)	2,265	2,305	2,374	163	188	6,048	5,778	6,066	461	423
Coffee, incl. products (mt)	1,180	1,212	1,155	73	88	3,886	3,698	3,587	267	214
Cocoa beans and products (mt)	767	767	875	64	72	1,471	1,414	1,701	133	143
Rubber and allied gums (mt)	1,068	1,075	1,162	90	126	1,229	1,315	1,027	97	92
Other	--	--	--	--	--	2,528	2,458	2,703	219	221
Total	--	--	--	--	--	36,300	35,798	37,014	2,900	2,921

FY = Fiscal years 1997 and 1998. -- = Not available. Fiscal years (October 1 through September 30). 1997 data are from Foreign Agricultural Trade of the U.S. 1. Not included in total volume. NOTE: Totals include transshipments through Canada, but transshipments are not distributed by commodity as previously. NOTE: Adjusted transshipments through Canada for 1997 exports. Information Contact: Mary Fant (202) 694-5272

**Table 28—U.S. Agricultural Exports by Region**

Region & country	Calendar year			1997			1998				
	1996	1997	1998FY	Sep	Apr	May	Jun	Jul	Aug	Sep	
	\$ million										
WESTERN EUROPE	9,702	9,728	8,844	791	601	547	517	459	456	479	
European Union <sup>1</sup>	9,322	9,105	8,508	681	577	525	501	435	439	451	
Belgium-Luxembourg	749	678	666	70	41	51	43	38	34	58	
France	524	570	538	35	25	30	25	25	25	21	
Germany	1,489	1,355	1,294	130	96	92	87	72	80	76	
Italy	796	764	722	42	44	43	40	21	26	32	
Netherlands	2,218	2,040	1,792	143	97	83	84	79	60	79	
United Kingdom	1,233	1,312	1,300	115	103	103	89	102	95	86	
Portugal	291	254	185	8	9	9	35	5	8	7	
Spain, incl. Canary Islands	1,124	1,157	1,126	64	83	47	48	38	55	47	
Other Western Europe	380	624	336	110	25	23	16	24	17	28	
Switzerland	211	517	236	99	17	14	9	17	9	17	
EASTERN EUROPE	439	284	320	16	21	22	31	26	16	11	
Poland	232	121	139	10	8	9	18	12	5	3	
Former Yugoslavia	88	96	97	2	7	4	6	6	6	3	
Romania	57	18	31	2	2	4	4	2	3	1	
NEWLY INDEPENDENT STATES	1,747	1,483	1,456	133	114	144	124	141	109	34	
Russia	1,328	1,204	1,103	103	95	112	93	97	70	6	
ASIA <sup>2</sup>	28,560	25,705	21,954	1,880	1,829	1,588	1,567	1,493	1,523	1,301	
West Asia (Mideast)	2,513	2,612	2,285	203	185	161	171	174	164	123	
Turkey	637	734	658	39	61	63	60	48	72	34	
Iraq	3	82	131	13	8	0	6	30	0	0	
Israel, incl. Gaza and W. Bank	617	537	389	27	25	34	19	29	24	13	
Saudi Arabia	551	668	535	58	43	33	35	33	32	34	
South Asia	653	760	623	93	29	35	33	31	79	37	
Bangladesh	88	120	114	3	9	6	6	9	6	11	
India	113	155	163	32	11	11	20	7	31	13	
Pakistan	352	442	275	58	2	5	6	8	30	6	
China	2,092	1,613	1,514	70	102	45	63	57	68	51	
Japan	11,704	10,536	9,459	804	898	753	711	681	626	589	
Southeast Asia	3,270	2,988	2,282	219	164	147	163	183	181	128	
Indonesia	852	772	529	36	28	14	45	50	50	31	
Philippines	892	873	744	86	75	66	68	63	73	46	
Other East Asia	8,327	7,196	5,790	491	451	446	427	366	405	372	
Korea, Rep.	3,871	2,863	2,245	182	207	203	172	161	164	140	
Hong Kong	1,490	1,712	1,568	151	131	125	128	105	100	128	
Taiwan	2,965	2,616	1,971	158	113	118	127	99	141	104	
AFRICA	2,877	2,282	2,167	232	94	104	145	174	185	193	
North Africa	1,986	1,569	1,475	171	44	67	73	122	125	119	
Morocco	244	167	139	13	2	4	7	20	13	2	
Algeria	322	315	281	21	15	13	20	28	25	13	
Egypt	1,319	964	939	120	25	43	44	73	84	99	
Sub-Saharan	891	713	692	61	51	38	72	51	60	74	
Nigeria	190	116	140	14	7	11	19	20	13	12	
S. Africa	309	222	193	19	14	7	16	11	15	17	
LATIN AMERICA and CARIBBEAN	10,486	10,417	11,348	783	924	842	878	970	822	822	
Brazil	588	579	566	29	35	24	36	23	28	39	
Caribbean Islands	1,419	1,501	1,487	136	116	104	99	131	114	105	
Central America	1,006	1,047	1,137	70	113	97	98	94	81	87	
Colombia	631	543	592	34	53	49	67	38	41	38	
Mexico	5,447	5,184	5,956	404	484	477	486	546	460	456	
Peru	310	193	314	14	33	15	16	33	29	35	
Venezuela	483	572	516	32	45	35	29	55	32	24	
CANADA	6,146	6,795	7,022	573	611	627	645	577	534	558	
OCEANIA	489	550	545	49	42	46	46	38	49	49	
TOTAL	60,445	57,245	53,730	4,489	4,249	3,928	3,971	3,884	3,704	3,467	
Developed countries	28,890	28,431	--	2,288	2,197	2,014	1,964	1,794	1,707	1,718	
Developing countries	27,681	25,687	--	1,995	1,836	1,722	1,820	1,891	1,818	1,662	
Other countries	3,873	3,128	--	207	217	191	187	199	179	87	

FY = Fiscal year 1998. -- = Not available. Based on fiscal year beginning October 1 and ending September 30. 1. Austria, Finland, and Sweden are included in the European Union. 2. Asia forecasts exclude West Asia (Mideast). NOTE: Adjusted for transhipments through Canada, but transhipments are not distributed as previously for 1998. Information contact: Mary Farn (202) 694-5272

## Farm Income

**Table 29—Value Added to the U.S. Economy by the Agricultural Sector**

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998 F
<i>\$ billion</i>										
Final crop output	81.5	83.3	81.0	89.0	82.4	100.3	95.8	115.6	112.5	104.6
Food grains	8.2	7.5	7.3	8.5	8.2	9.5	10.4	10.7	10.6	8.8
Feed crops	17.0	18.7	19.3	20.1	20.2	20.4	24.6	27.3	27.6	23.8
Cotton	5.0	5.5	5.2	5.2	5.2	6.7	6.9	7.0	6.5	5.6
Oil crops	11.9	12.3	12.7	13.3	13.2	14.7	15.5	16.4	19.9	17.6
Tobacco	2.4	2.7	2.9	3.0	2.9	2.7	2.5	2.8	2.9	2.9
Fruits and tree nuts	9.2	9.4	9.9	10.2	10.3	10.3	11.1	11.9	12.8	13.1
Vegetables	11.6	11.5	11.6	11.9	13.5	13.9	14.9	14.6	15.1	16.0
All other crops	11.6	12.8	13.1	13.7	14.0	14.9	15.2	15.9	16.7	16.8
Home consumption	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Value of inventory adjustment <sup>1</sup>	4.5	2.8	-1.2	3.2	-5.3	7.2	-5.4	8.9	0.3	-0.1
Final animal output	83.8	90.2	87.3	87.1	91.7	89.7	87.6	92.2	96.2	92.9
Meat animals	46.7	51.2	50.1	47.7	50.8	46.8	44.8	44.4	49.9	43.1
Dairy products	19.4	20.2	18.0	19.7	19.2	19.9	19.9	22.8	21.0	23.9
Poultry and eggs	15.4	15.3	15.2	15.5	17.3	18.4	19.1	22.3	22.2	22.8
Miscellaneous livestock	2.5	2.5	2.5	2.6	2.8	3.0	3.2	3.4	3.5	3.5
Home consumption	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.4
Value of inventory adjustment <sup>1</sup>	-0.7	0.4	1.0	1.0	1.1	1.1	0.2	-1.1	-0.7	-0.9
Services and forestry	15.8	15.3	15.4	15.2	16.6	17.9	19.4	20.7	22.1	22.6
Machine hire and customwork	1.7	1.8	1.8	1.8	1.9	2.1	1.9	2.2	2.6	2.5
Forest products sold	2.0	1.8	1.8	2.2	2.6	2.7	2.9	2.8	2.8	2.9
Other farm income	4.9	4.5	4.7	4.2	4.6	4.4	5.2	5.9	6.3	6.3
Gross imputed rental value of farm dwellings	7.2	7.2	7.2	7.0	7.6	8.7	9.3	9.8	10.3	10.9
<b>Final agricultural sector output<sup>2</sup></b>	<b>181.0</b>	<b>188.7</b>	<b>183.7</b>	<b>191.3</b>	<b>190.7</b>	<b>207.9</b>	<b>202.8</b>	<b>228.5</b>	<b>230.8</b>	<b>220.1</b>
<i>Minus</i>										
Intermediate consumption outlays:										
Farm origin	88.7	92.9	94.6	93.5	100.6	104.9	109.0	112.9	118.6	113.6
Feed purchased	38.1	39.5	38.6	38.6	41.2	41.3	41.6	42.7	45.7	43.2
Livestock and poultry purchased	20.7	20.4	19.3	20.1	21.4	22.6	23.8	25.2	25.2	23.8
Seed purchased	12.9	14.6	14.1	13.6	14.6	13.3	12.3	11.2	13.8	12.6
Manufactured inputs	4.4	4.5	5.1	4.9	5.2	5.4	5.5	6.2	6.7	6.8
Fertilizers and lime	20.6	22.0	23.2	22.7	23.1	24.4	26.2	28.6	29.0	27.8
Pesticides	8.2	8.2	8.7	8.3	8.4	9.2	10.0	10.9	10.9	10.5
Petroleum fuel and oils	5.0	5.4	6.3	6.5	6.7	7.2	7.7	8.5	8.8	8.9
Electricity	4.8	5.8	5.6	5.3	5.3	5.3	5.4	6.0	6.2	5.6
Other intermediate expenses	2.6	2.6	2.6	2.6	2.7	2.7	3.0	3.2	3.0	2.7
Repair and maintenance of capital items	30.0	31.4	32.8	32.2	36.2	39.2	41.2	41.5	43.9	42.7
Machine hire and customwork	8.4	8.6	8.6	8.5	9.2	9.1	9.5	10.3	10.4	10.2
Marketing, storage, and transportation	3.4	3.6	3.5	3.8	4.4	4.8	4.8	4.7	4.8	4.6
Contract labor	4.2	4.2	4.7	4.5	5.6	6.8	7.2	6.9	7.1	6.9
Miscellaneous expenses	1.3	1.6	1.6	1.7	1.8	1.8	2.0	2.1	2.6	2.7
Other intermediate expenses	12.7	13.5	14.3	13.7	15.2	16.7	17.8	17.5	19.0	18.2
<i>Plus</i>										
Net government transactions:										
Net government transactions:	5.1	3.1	2.1	2.7	6.9	1.0	0.1	0.1	0.1	5.5
+ Direct government payments	10.9	9.3	8.2	9.2	13.4	7.9	7.3	7.3	7.5	12.9
- Motor vehicle registration and licensing fees	0.3	0.4	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.5
- Property taxes	5.5	5.9	5.8	6.1	6.2	6.5	6.7	6.8	7.0	7.0
<b>Gross value added</b>	<b>97.4</b>	<b>98.9</b>	<b>91.2</b>	<b>100.5</b>	<b>97.0</b>	<b>104.0</b>	<b>93.9</b>	<b>115.7</b>	<b>112.3</b>	<b>112.0</b>
<i>Minus</i>										
Capital consumption										
Capital consumption	18.1	18.1	18.2	18.3	18.4	18.7	19.1	19.4	19.5	19.6
<b>Net value added<sup>2</sup></b>	<b>79.3</b>	<b>80.7</b>	<b>73.0</b>	<b>82.1</b>	<b>78.6</b>	<b>85.3</b>	<b>74.8</b>	<b>96.3</b>	<b>92.8</b>	<b>92.3</b>
<i>Minus</i>										
Factor payments:										
Employee compensation (total hired labor)	34.0	36.0	34.4	34.6	35.1	37.0	38.8	42.9	42.9	44.4
Net rent received by nonoperator landlords	10.7	12.5	12.3	12.3	13.2	13.5	14.3	15.4	16.0	16.9
Real estate and non-real estate interest	9.4	10.0	9.9	11.2	11.0	11.8	11.8	14.3	13.2	13.4
<b>Net farm income<sup>2</sup></b>	<b>45.3</b>	<b>44.7</b>	<b>38.6</b>	<b>47.5</b>	<b>43.6</b>	<b>48.3</b>	<b>36.0</b>	<b>53.4</b>	<b>49.8</b>	<b>48.0</b>

Values in last two columns are preliminary or forecast. 1. A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales. 2. Final sector output is the gross value of commodities and services produced within a year. Net value added is the sector's contribution to the National economy and is the sum of income from production earned by all factors of production. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. Information contact: Roger Strickland (202)694-5592 or rogers@econ.ag.gov

**Table 30—Farm Income Statistics**

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998F
<i>\$ billion</i>										
<b>Cash Income statement:</b>										
1. Cash receipts	160.8	169.5	167.9	171.4	177.8	181.2	188.1	199.6	208.7	198.0
Crops <sup>1</sup>	76.9	80.3	82.1	85.7	87.6	93.1	101.1	106.6	112.1	104.7
Livestock	83.9	89.2	85.8	85.6	90.2	88.2	87.0	93.0	96.6	93.4
2. Direct Government payments	10.9	9.3	8.2	9.2	13.4	7.9	7.3	7.3	7.5	12.9
3. Farm-related income <sup>2</sup>	8.6	8.1	8.3	8.2	9.0	9.2	10.1	10.9	11.8	11.8
4. Gross cash income (1+2+3)	180.3	186.9	184.3	188.7	200.2	198.3	205.5	217.8	228.0	222.7
5. Cash expenses <sup>3</sup>	127.5	134.1	134.0	133.6	141.2	147.6	153.6	161.4	167.2	163.6
6. Net cash income (4-5)	52.8	52.8	50.4	55.1	59.0	50.7	51.8	56.4	60.8	59.1
<b>Farm income statement:</b>										
7. Gross cash income (4)	180.3	186.9	184.3	188.7	200.2	198.3	205.5	217.8	228.0	222.7
8. Noncash income <sup>4</sup>	7.9	7.9	7.8	7.6	8.1	9.2	9.8	10.2	10.7	11.3
9. Value of inventory adjustment	3.8	3.3	-0.2	4.2	-4.2	8.3	-5.1	7.8	-0.4	-1.0
10. Gross farm income (7+8+9)	191.9	198.0	191.9	200.5	204.1	215.8	210.1	235.8	238.3	233.1
11. Total production expenses	146.7	153.3	153.3	152.9	160.5	167.5	174.1	182.4	188.4	185.1
12. Net farm income (10-11)	45.3	44.7	38.6	47.5	43.6	48.3	36.0	53.4	49.8	48.0

Values for last 2 years are preliminary or forecasts. Numbers in parentheses indicate the combination of items required to calculate an item. Totals may not add due to rounding. 1. Includes commodities placed under CCC loans and profits made on loans redeemed. 2. Income from custom labor, machine hire, recreational activities, forest product sales, and other farm sources. 3. Excludes depreciation and perquisites to hired labor. Excludes farm operator dwellings. 4. Value of farm products consumed on farms where produced plus the imputed rental value of farm dwellings. *Information contact:*

Roger Strickland (202) 694-5582 or rogers@econ.ag.gov

**Table 31—Average Income to Farm Operator Households<sup>1</sup>**

	1991	1992	1993	1994	1995	1996	1997P	1998F
<i>\$ per farm</i>								
<b>Net cash farm business income<sup>2</sup></b>								
Less depreciation <sup>3</sup>	10,678	11,320	11,248	11,389	11,218	13,502	12,460	-
Less wages paid to operator <sup>4</sup>	5,127	5,187	6,219	6,466	6,795	6,906	6,578	-
Less farmland rental income <sup>5</sup>	441	216	454	425	522	531	513	-
Less adjusted farm business income due to other household(s) <sup>6</sup>	323	360	534	701	769	672	568	-
<i>\$ per farm operator household</i>								
Equals adjusted farm business income	1,093	961	872	815	649	1,094	*1,429	-
Plus wages paid to operator	3,694	4,596	3,168	2,981	2,484	4,300	3,373	-
Plus net income from farmland rental <sup>7</sup>	441	216	454	425	522	531	513	-
Equals farm self-employment income	323	360	--	--	1,053	1,178	945	-
Plus other farm-related earnings <sup>8</sup>	4,458	5,172	3,623	3,407	4,059	6,009	4,831	-
Equals earnings of the operator household from farming activities	1,352	2,008	1,192	970	661	1,898	1,158	-
Plus earnings of the operator household from off-farm sources <sup>9</sup>	5,810	7,180	4,815	4,376	4,720	7,906	5,989	5,757
Equals average farm operator household income	31,638	35,731	35,408	38,092	39,671	42,455	46,358	45,060
<i>\$ per U.S. household</i>								
U.S. average household income <sup>10</sup>	37,922	38,840	41,428	43,133	44,938	47,123	49,692	-
<i>Percent</i>								
Average farm operator household income as percent of U.S. average household income	98.7	110.5	97.1	98.5	98.8	106.9	105.3	-
Average operator household earnings from farming activities as percent of average operator household income	15.5	16.7	12.0	10.3	10.6	15.7	11.4	-

-- = Not available. Values in the last three years preliminary or forecast. 1. This table derives farm operator household income estimates from the Agricultural Resource Management Study (ARMS) that are consistent with Current Population Survey (CPS) methodology. The CPS, conducted by the Bureau of the Census, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. The CPS definition departs from a strictly cash concept by including depreciation as an expense that farm operators and other self-employed people subtract from gross receipts when reporting net cash income. 2. A component of farm-sector income. Excludes income of contractors and landlords as well as the income of farms organized as nonfamily corporations or cooperatives, and farms run by a hired manager. Includes income of farms organized as proprietorships, partnerships, and family corporations. 3. Consistent with the CPS definition of self-employed income, reported depreciation expenses are subtracted from net cash farm income. The ARMS collects data on farm business depreciation used for tax purposes. 4. Wages paid to the operator are excluded because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. 5. Gross rental income is excluded because net rental income from farm operation is added below to income received by the household. 6. More than one household may have a claim on the income of a farm business. On average, 1.1 households share the income of a farm business. 7. Includes net rental income from the farm business. Also includes net rental income from farmland held by household members that is not part of the farm business. In 1991 and 1992, gross rental income from the farm business was used because net rental income data were not collected. In 1993 and 1994, net rental income data were collected as part of off-farm income. 8. Wages paid to other operator household members by the farm business, and net income from a farm business other than the one surveyed. In 1996, also includes the value of commodities provided to household members for farm work. 9. Wages, salaries, net income from nonfarm businesses, interest, dividends, transfer payments, etc. In 1993 and 1994, also includes net rental income from farmland. 10. From the CPS. Sources: U.S. Department of Agriculture, Economic Research Service, 1991, 1992, 1993, 1994, and 1995 Farm Costs and Returns Survey (FCRS), and 1996 Agricultural Resource Management Study for farm operator household data. U.S. Department of Commerce, Bureau of the

**Table 32—Balance Sheet of the U.S. Farming Sector**

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998F
\$ billion										
Farm assets	814.4	841.5	844.9	870.3	906.4	938.3	981.9	1,033.9	1,088.8	1,129.5
Real estate	600.8	620.0	625.5	642.8	673.7	706.9	755.7	799.5	849.2	895.6
Livestock and poultry <sup>1</sup>	66.2	70.9	68.1	71.0	72.8	67.9	57.8	60.3	66.8	57.0
Machinery and motor vehicles	84.1	86.3	85.9	85.4	86.5	87.5	88.5	88.9	88.1	91.0
Crops stored <sup>2,3</sup>	23.9	23.2	22.2	24.2	23.3	23.3	27.4	31.7	29.9	30.0
Purchased inputs	2.6	2.8	2.6	3.9	3.8	5.0	3.4	4.4	5.1	5.0
Financial assets	36.8	38.3	40.5	43.1	46.3	47.6	49.1	49.1	49.7	50.0
Total farm debt	137.9	138.0	139.2	139.1	142.0	146.8	150.8	156.1	165.4	170.4
Real estate debt <sup>3</sup>	76.0	74.7	74.9	75.4	76.0	77.7	79.3	81.7	85.4	87.6
Non-real estate debt <sup>4</sup>	61.9	63.2	64.3	63.6	65.9	69.1	71.5	74.4	80.1	82.8
Total farm equity	676.6	703.5	705.7	731.3	764.4	791.5	831.1	877.8	923.4	959.1
Percent										
Selected ratios										
Debt to equity	20.4	19.6	19.7	19.0	18.6	18.5	18.1	17.8	17.9	17.8
Debt to assets	16.9	16.4	16.5	16.0	15.7	15.6	15.4	15.1	15.2	15.1

Values in the last two columns are forecasts. 1. As of December 31. 2. Non-CCC crops held on farms plus value above loan rates for crops held under CCC. 3. Includes CCC storage and drying facilities loans, but excludes debt on operator dwellings. 4. Excludes debt for nonfarm purposes. Information contact: Ken Erickson (202) 694-5565 or erickson@econ.ag.gov

**Table 33—Cash Receipts from Farming**

	Annual			1997			1998				
	1995	1996	1997	Aug	Mar	Apr	May	Jun	Jul	Aug	
\$ million											
Commodity sales <sup>1</sup>	188,108	199,580	208,665	16,362	15,821	14,341	13,923	14,719	15,169	15,706	
Livestock and products	87,018	93,005	96,568	8,478	8,731	7,467	7,802	8,337	7,774	8,670	
Meat animals	44,828	44,414	49,925	4,612	4,852	3,556	3,997	4,411	3,451	4,370	
Dairy products	19,894	22,820	20,989	1,666	1,989	1,913	1,903	1,883	1,860	1,991	
Poultry and eggs	19,070	22,345	22,183	1,925	1,655	1,781	1,674	1,772	1,903	2,034	
Other	3,227	3,425	3,471	275	236	217	228	271	560	275	
Crops	101,090	106,575	112,097	7,885	7,090	6,874	6,121	6,382	7,395	7,035	
Food grains	10,417	10,741	10,603	967	532	376	362	1,017	1,517	876	
Feed crops	24,581	27,265	27,638	1,945	1,768	1,256	1,115	1,355	1,482	1,398	
Cotton (lint and seed)	6,851	6,983	6,515	205	285	305	280	184	94	203	
Tobacco	2,548	2,796	2,886	380	43	61	0	0	66	430	
Oil-bearing crops	15,496	16,362	19,911	781	1,214	879	694	621	777	596	
Vegetables and melons	14,913	14,561	15,086	1,676	1,218	1,414	1,550	1,399	1,464	1,574	
Fruits and tree nuts	11,119	11,933	12,790	987	616	757	737	914	1,048	1,015	
Other	15,165	15,935	16,668	943	1,414	1,826	1,384	891	946	944	
Government payments	7,279	7,340	7,496	37	52	75	80	89	167	1,806	
Total	195,388	206,919	216,160	16,399	15,873	14,416	14,003	14,808	15,336	17,512	

Annual values for the most recent year and monthly values for the current year are preliminary. 1. Sales of farm products include receipts from commodities placed under nonrecourse CCC loans, plus additional gains realized on redemptions during the period. Information contact: Roger Strickland (202) 694-5592. To receive current monthly cash receipts, contact Larry Traub at (202) 694-5593 or ltraub@econ.ag.gov.

**Table 34—Cash Receipts from Farm Marketings, by State**

Region and State	Livestock and products				Crops <sup>1</sup>				Total <sup>1</sup>		
	July		Aug		July		Aug		1996	1997	July
	1996	1997	1998	1998	1996	1997	1998	1998	1996	1997	1998
<i>\$ million</i>											
<b>NORTH ATLANTIC</b>											
Maine	262	258	18	20	220	228	16	32	482	486	35
New Hampshire	72	69	5	5	97	97	6	12	169	166	11
Vermont	433	416	37	39	99	97	16	5	532	513	52
Massachusetts	110	102	8	8	392	430	28	35	502	532	36
Rhode Island	11	9	1	1	73	74	5	4	84	83	6
Connecticut	236	218	17	18	253	279	14	9	489	496	31
New York	2,050	1,859	165	176	981	1,037	85	93	3,031	2,896	250
New Jersey	196	180	15	15	607	596	72	72	803	776	87
Pennsylvania	2,865	2,789	222	262	1,283	1,339	82	94	4,148	4,128	304
<b>NORTH CENTRAL</b>											
Ohio	1,943	1,869	157	167	2,853	3,476	240	145	4,796	5,345	397
Indiana	1,913	1,896	133	133	3,620	3,610	199	132	5,533	5,506	332
Illinois	2,063	1,937	130	158	6,453	7,339	362	285	8,516	9,276	492
Michigan	1,450	1,352	106	114	2,154	2,236	173	148	3,604	3,588	280
Wisconsin	4,299	4,070	391	421	1,732	1,686	106	122	6,030	5,756	497
Minnesota	4,147	4,054	325	363	4,654	4,101	247	224	8,800	8,155	572
Iowa	5,451	5,530	317	409	6,698	7,311	439	286	12,148	12,841	756
Missouri	2,463	2,795	177	212	2,409	2,768	145	112	4,872	5,564	323
North Dakota	539	611	51	59	2,891	2,702	119	159	3,429	3,313	170
South Dakota	1,634	1,820	138	155	1,875	2,417	143	132	3,509	4,237	282
Nebraska	5,277	5,542	395	484	3,933	4,550	210	150	9,211	10,092	604
Kansas	4,541	5,017	326	406	2,978	3,985	526	192	7,519	9,001	852
<b>SOUTHERN</b>											
Delaware	573	573	56	57	180	174	16	24	753	748	71
Maryland	901	915	84	92	639	623	65	45	1,540	1,538	149
Virginia	1,477	1,538	133	152	907	863	80	76	2,384	2,401	213
West Virginia	309	324	27	29	79	71	7	8	388	394	34
North Carolina	4,431	4,694	323	337	3,466	3,608	192	410	7,897	8,302	514
South Carolina	748	797	59	66	869	898	65	100	1,616	1,695	124
Georgia	3,279	3,442	307	362	2,452	2,445	128	134	5,731	5,887	435
Florida	1,206	1,265	98	116	5,038	4,978	217	192	6,244	6,243	316
Kentucky	1,727	1,978	402	136	1,842	1,655	50	31	3,569	3,633	453
Tennessee	999	1,005	82	96	1,406	1,287	50	51	2,405	2,292	132
Alabama	2,362	2,431	202	229	808	796	40	24	3,170	3,227	242
Mississippi	1,934	2,006	167	192	1,504	1,470	45	36	3,438	3,476	213
Arkansas	3,374	3,416	289	322	2,470	2,446	108	77	5,844	5,862	397
Louisiana	688	659	53	58	1,641	1,481	41	54	2,328	2,140	94
Oklahoma	2,414	3,061	246	316	1,105	1,308	171	107	3,519	4,369	417
Texas	7,821	8,184	581	721	5,139	5,277	417	488	12,960	13,461	998
<b>WESTERN</b>											
Montana	797	991	76	161	1,203	1,072	51	71	1,999	2,063	127
Idaho	1,330	1,389	148	173	2,043	1,926	78	119	3,372	3,315	226
Wyoming	478	646	70	62	189	199	8	22	667	845	78
Colorado	2,763	3,012	230	235	1,362	1,388	132	122	4,125	4,399	362
New Mexico	1,198	1,354	130	143	506	562	77	55	1,704	1,915	207
Arizona	840	888	56	48	1,306	1,257	61	52	2,145	2,145	117
Utah	644	715	63	59	228	238	21	19	872	953	84
Nevada	154	180	12	17	132	130	18	16	287	310	30
Washington	1,665	1,604	135	153	3,833	3,778	295	367	5,497	5,382	430
Oregon	658	740	74	83	2,246	2,373	208	256	2,904	3,113	282
California	6,212	6,294	532	622	17,285	18,995	1,481	1,596	23,497	25,289	2,012
Alaska	6	6	1	1	23	26	3	3	29	32	3
Hawaii	66	68	6	6	420	415	36	37	487	483	41
U.S.	93,005	96,568	7,774	8,670	106,575	112,097	7,395	7,035	199,580	208,665	15,169
											15,706

Estimates as of end of current month. Totals may not add because of rounding. 1. Sales of farm products include receipts from commodities placed under nonrecourse CCC loans, plus additional gains realized on redemptions during the period. Information contact: Roger Strickland (202) 694-5592. To receive current monthly cash receipts contact Larry Traub at (202) 694-5593 or ltraub@econ.ag.gov

**Table 35—CCC Net Outlays by Commodity & Function**

	Fiscal year									
	1990	1991	1992	1993	1994	1995	1996	1997	1998 E	1999 E
	\$ million									
<b>COMMODITY/PROGRAM</b>										
Feed grains:										
Corn	2,435	2,387	2,105	5,143	625	2,090	2,021	2,587	2,649	2,604
Grain sorghum	349	243	190	410	130	153	261	284	285	280
Barley	-94	71	174	186	202	129	114	109	152	114
Oats	-5	12	32	16	5	19	8	8	9	8
Corn and oat products	8	9	9	10	10	1	0	0	0	0
Total feed grains	2,693	2,722	2,510	5,765	972	2,392	2,404	2,988	3,095	3,006
Wheat and products	796	2,805	1,719	2,185	1,729	803	1,491	1,332	1,587	1,486
Rice	667	867	715	887	836	814	499	459	515	471
Upland cotton	-79	382	1,443	2,239	1,539	99	685	561	1,065	957
Tobacco	-307	-143	29	235	693	-298	-496	-156	286	-49
Dairy	505	839	232	253	158	4	-98	67	224	113
Soybeans	5	40	-29	109	-183	77	-65	5	11	222
Peanuts	1	48	41	-13	37	120	100	6	0	-1
Sugar	15	-20	-19	-35	-24	-3	-63	-34	-39	-39
Honey	47	19	17	22	0	-9	-14	-2	0	0
Wool	104	172	191	179	211	108	55	0	0	0
Operating expense <sup>1</sup>	618	625	6	6	6	6	6	6	5	6
Interest expenditure	632	745	532	129	-17	-1	140	-111	-109	-42
Export programs <sup>2</sup>	-34	733	1,459	2,193	1,950	1,361	-422	125	329	530
1988/96 Disaster/tree/livestock assistance	161 <sup>3</sup>	121	1,054	944	2,566	660	95	130	25	5
Conservation reserve program	0	0	0	0	0	0	2	1,671	1,829	1,639
Other conservation programs	0	0	0	0	0	0	7	105	291	340
Other	647	155	-162	949	-137	-103	320	104	209	426
Total	6,471	10,110	9,738	16,047	10,336	6,030	4,646	7,256	9,323	9,070
<b>Function</b>										
Price support loans (net)	-399	418	584	2,065	527	-119	-951	110	444	115
Cash direct payments: <sup>4</sup>										
Production flexibility contract	0	0	0	0	0	0	5,141	6,320	5,716	5,512
Deficiency	4,178	6,224	5,491	8,607	4,391	4,008	567	-1,118	-11	0
Diversion	0	0	0	0	0	0	0	0	0	0
Dairy termination	189	96	2	0	0	0	0	0	0	0
Loan Deficiency	3	21	214	387	495	29	0	0	6	103
Other	0	0	140	149	171	97	95	7	360	335
Disaster	0	0	0	0	0	0	0	0	0	0
Conservation reserve program	0	0	0	0	0	0	2	1,671	1,829	1,639
Other conservation programs	0	0	0	0	0	0	0	85	238	298
Non-Insured Assistance (NAP)	0	0	0	0	0	0	2	52	54	77
Total direct payments	4,370	6,341	5,847	9,143	5,057	4,134	5,807	7,017	8,192	7,964
1988-94 crop disaster	5 <sup>3</sup>	6	960	872	2,461	584	14	2	0	0
Emergency livestock/tree/DRAP										
livestock indemn/forage assist.	156	115	94	72	105	76	81	128	25	5
Purchases (net)	-48	646	321	525	293	-51	-249	-60	145	72
Producer storage payments	185	1	14	9	12	23	0	0	0	0
Processing, storage, and transportation	278	240	185	136	112	72	51	33	32	30
Operating expense <sup>1</sup>	618	625	6	6	6	6	6	6	5	6
Interest expenditure	632	745	532	129	-17	-1	140	-111	-109	-42
Export programs <sup>2</sup>	-34	733	1,459	2,193	1,950	1,361	-422	125	329	530
Other	708	240	-264	897	-170	-55	169	6	260	390
Total	6,471	10,110	9,738	16,047	10,336	6,030	4,646	7,256	9,323	9,070

1. Does not include CCC Transfers to General Sales Manager. 2. Includes Export Guarantee Program, Direct Export Credit Program, CCC Transfers to the General Sales Manager, Market Access (Promotion) Program, starting in FY 1991 and starting in FY 1992 the Export Guarantee Program - Credit Reform, Export Enhancement Program, Dairy Export Incentive Program, and Technical Assistance to Emerging Markets. 3. Approximately \$1.5 billion in benefits to farmers under the Disaster Assistance Act of 1989 were paid in generic certificates and were not recorded directly as disaster assistance outlays. 4. Includes cash payments only. Excludes generic certificates in FY 86-96. E=Estimated in the FY 1999 Mid-Session Review Budget which was released on May 26, 1998 based on April 1998 supply and demand estimates. The CCC outlays shown for 1996-1999 include the impact of the Federal Agricultural Improvement and Reform Act of 1996, which was enacted April 4, 1996. Minus (-) indicates a net receipt (excess of repayments or other receipts over gross outlays of funds). Information contact: Richard Pazdalski Farm Service Agency - Budget at (202) 720-3675 or Richard\_Pazdalski@wdc.fsa.usda.gov.

## Food Expenditures

Table 36—Food Expenditures

	Annual			1998			Year-to-date cumulative		
	1995	1996	1997 P	Aug	Sept P	Oct P	Aug	Sept P	Oct P
\$ billion									
Sales <sup>1</sup>									
At home <sup>2</sup>	354.2	367.6	380.2	33.6	28.9	30.1	258.9	287.8	317.9
Away from home <sup>3</sup>	280.8	288.5	297.9	25.6	24.7	27.6	199.7	224.4	252.0
1995 \$ billion									
Sales <sup>1</sup>									
At home <sup>2</sup>	367.3	367.4	371.0	32.1	27.7	28.6	248.7	276.4	304.9
Away from home <sup>3</sup>	287.7	288.5	289.7	24.2	23.3	26.0	190.1	213.4	239.4
Percent change from year earlier (\$ billion)									
Sales <sup>1</sup>									
At home <sup>2</sup>	3.8	3.8	3.4	2.8	-4.8	-6.8	3.7	2.8	1.8
Away from home <sup>3</sup>	4.5	2.7	3.0	-4.0	1.1	9.5	0.1	0.2	1.1
Percent change from year earlier (1995 \$ billion)									
Sales <sup>1</sup>									
At home <sup>2</sup>	0.5	0.1	1.0	0.9	-6.4	-8.8	1.9	1.0	0.0
Away from home <sup>3</sup>	2.2	0.3	0.2	-6.5	-1.6	6.7	-2.5	-2.4	-1.5

R = Revised. P = Preliminary. 1. Food only (excludes alcoholic beverages). Not seasonally adjusted. 2. Excludes donations and home production.

3. Excludes donations, child nutrition subsidies, and meals furnished to employees, patients, and inmates. *Information contact: Annette Clauson (202) 694-5373*

Note: This table differs from Personal Consumption Expenditures (PCE), table 2, for several reasons: (1) this series includes only food, excluding alcoholic beverages and pet food which are included in PCE; (2) this series is not seasonally adjusted, whereas PCE is seasonally adjusted at annual rates; (3) this series reports sales only, but PCE includes food produced and consumed on farms and food furnished to employees; (4) this series includes all sales of meals and snacks, while PCE includes only purchases using personal funds, excluding business travel and entertainment. For a more complete discussion of the differences, see "Developing an Integrated Information System for the Food Sector," ERS Agr. Econ. Rpt. No. 575, Aug. 1987.

## Transportation

Table 37—Rail Rates; Grain &amp; Fruit-Vegetable Shipments

	Annual			1997			1998			Sep
	1995	1996	1997 R	Sep	Apr	May R	Jun	Jul	Aug R	
<b>Rail freight rate index<sup>1</sup></b> (Dec. 1984=100)										
All products	111.7	111.5	112.1	112.5	113.4	113.5	113.6	113.6	113.6	113.7
Farm products	115.6	115.9	120.3	121.1	124.7	124.7	124.7	124.7	124.7	124.7
Grain <sup>2</sup>	117.1	118.0	--	--	--	--	--	--	--	--
Food products	111.7	108.8	107.6	108.4	108.3	108.3	108.2	108.1	106.5	106.5
<b>Barge freight rate index<sup>1</sup></b> (Dec 1990=100)										
Grain	172.6	129.5	107.1	113.3	93.0	86.9	94.5	--	--	--
Grain shipments										
Rail carloadings (1,000 cars) <sup>3</sup>	28.9	25.2	23.2	20.6	20.4	20.4	20.7	21.4	22.3	21.7
Barge shipments (mil. ton) <sup>4,5</sup>	3.5	3.1	2.4	2.2	--	--	--	--	--	--
<b>Fresh fruit and vegetable shipments<sup>6</sup></b>										
Piggy back (mil. cwt)	1.3	1.1	1.1	0.9	0.9	1.3	1.1	0.8	0.7	0.9
Rail (mil. cwt)	1.9	1.6	1.7	0.9	1.2	1.1	1.5	1.5	0.4	0.8
Truck (mil. cwt)	40.5	35.7	42.6	36.2	44.5	50.3	51.7	42.2	39.6	36.2
<b>Cost of operating trucks</b>										
hauling produce <sup>6</sup>										
Fleet operation (\$/mile)	130.3	123.0	135.4	134.9	--	--	--	--	--	--

P= Preliminary. R = Revised. -- = Not available. 1. Department of Labor, Bureau of Labor Statistics. 2. Discontinued. 3. Weekly average; from Association of American Railroads. 4. Shipments on Illinois and Mississippi waterways, U.S. Corps of Engineers. 5. Annual 1996 is 7-month average. 6. Agricultural Marketing Service, USDA. *Information contact: Jenny Gonzales (202) 694-5296*

## Indicators of Farm Productivity

**Table 38—Indexes of Farm Production, Input Use, & Productivity<sup>1</sup>**

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
<i>1992=100</i>										
Farm output	88	83	89	94	94	100	94	107	101	106
All livestock products	92	93	94	95	98	100	100	108	110	109
Meat animals	95	97	97	96	99	100	100	102	103	100
Dairy products	94	96	95	98	98	100	99	114	115	115
Poultry and eggs	81	83	86	92	96	100	104	110	114	119
All crops	86	75	86	92	92	100	90	106	96	103
Feed crops	84	62	85	88	86	100	76	102	83	98
Food crops	84	76	83	107	82	100	96	97	90	93
Oil crops	88	72	88	87	94	100	85	115	99	107
Sugar	95	91	91	92	96	100	95	106	98	94
Cotton and cottonseed	92	96	75	96	109	100	100	122	110	117
Vegetables and melons	90	81	85	93	97	100	97	113	108	112
Fruit and nuts	95	102	98	97	96	100	107	111	102	102
Farm input <sup>1</sup>	101	100	100	101	102	100	101	102	101	100
Farm labor	101	103	104	102	106	100	96	96	92	100
Farm real estate	100	100	102	101	100	100	98	99	98	99
Durable equipment	120	113	108	105	103	100	97	94	92	89
Energy	102	102	101	100	101	100	100	103	109	104
Fertilizer	106	97	94	97	98	100	111	109	85	89
Pesticides	92	79	93	90	100	100	97	103	94	106
Feed, seed, and purchased livestock	97	96	91	99	99	100	101	102	109	95
Inventories	102	98	93	97	100	100	104	99	108	104
Farm output per unit of input	87	83	90	93	92	100	94	105	100	106
Output per unit of labor										
Farm <sup>2</sup>	87	81	86	92	89	100	98	111	110	106
Nonfarm <sup>3</sup>	95	95	96	96	97	100	100	101	--	--

Values for latest year preliminary. 1. Includes miscellaneous items not shown separately. 2. Source: Economic Research Service. 3. Source: Bureau of Labor Statistics. *Information contact: John Jones (202) 694-5614*

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## Food Supply & Use

**Table 39—Per Capita Consumption of Major Food Commodities<sup>1</sup>**

Commodity	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<i>Lbs.</i>										
Red meats <sup>2,3,4</sup>	119.5	115.9	112.3	111.9	114.1	112.2	114.8	115.1	112.8	111.0
Beef	68.6	65.4	63.9	63.1	62.8	61.5	63.6	64.4	65.0	63.8
Veal	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	1.0	0.9
Lamb & mutton	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8
Pork	48.8	48.4	46.4	46.9	49.5	48.9	49.6	49.0	45.9	45.6
Poultry <sup>2,3,4</sup>	51.9	53.9	56.3	58.3	60.8	62.5	63.3	62.9	64.4	64.8
Chicken	39.6	40.9	42.4	44.2	46.7	48.5	49.3	48.8	49.8	50.9
Turkey	12.4	13.1	13.8	14.1	14.1	14.0	14.1	14.1	14.6	13.9
Fish and shellfish <sup>3</sup>	15.1	15.6	15.0	14.8	14.7	14.9	15.1	14.9	14.7	14.5
Eggs <sup>4</sup>	31.8	30.5	30.2	30.1	30.3	30.4	30.6	30.2	30.5	30.7
Dairy products										
Cheese (excluding cottage) <sup>2,5</sup>	23.7	23.8	24.6	25.0	26.0	26.2	26.8	27.3	27.7	28.0
American	11.5	11.0	11.1	11.1	11.3	11.4	11.5	11.8	12.0	12.0
Italian	8.1	8.5	9.0	9.4	10.0	9.8	10.3	10.4	10.8	11.0
Other cheeses <sup>6</sup>	4.1	4.3	4.5	4.6	4.7	5.0	5.0	5.0	5.0	5.1
Cottage cheese	3.9	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.7
Beverage milks <sup>2</sup>	222.3	224.2	221.8	221.2	218.3	213.4	213.5	209.7	210.0	206.9
Fluid whole milk <sup>7</sup>	105.7	97.5	90.4	87.3	84.0	80.1	78.8	75.3	74.6	72.7
Fluid lowfat milk <sup>8</sup>	100.5	106.5	108.4	109.9	109.3	106.5	105.9	102.5	101.7	99.8
Fluid skim milk	16.1	20.2	22.9	23.9	25.0	26.7	28.7	31.9	33.7	34.4
Fluid cream products <sup>9</sup>	7.6	7.8	7.6	7.7	8.0	8.0	8.1	8.4	8.7	9.1
Yogurt (excluding frozen)	4.5	4.2	4.0	4.2	4.2	4.3	4.7	5.1	4.8	5.1
Ice cream	17.3	16.1	15.8	16.3	16.3	16.1	16.1	15.7	15.9	16.2
Ice milk	8.0	8.4	7.7	7.4	7.1	6.9	7.6	7.5	7.6	7.9
Frozen yogurt	--	2.0	2.8	3.5	3.1	3.5	3.5	3.5	2.6	2.1
All dairy products, milk equivalent, milkfat basis <sup>10</sup>	582.5	563.8	568.4	565.6	565.9	574.1	586.0	584.4	575.5	579.8
Fats and oils--total fat content	63.6	60.8	62.8	65.4	67.4	70.2	68.6	66.9	65.4	67.4
Butter and margarine (product weight)	14.8	14.6	15.3	15.0	15.4	15.8	14.7	13.7	13.5	12.8
Shortening	21.5	21.5	22.2	22.4	22.4	25.1	24.1	22.5	22.3	20.9
Lard and edible tallow (direct use)	2.6	2.1	2.4	3.1	4.1	3.9	4.7	4.9	5.3	4.7
Salad and cooking oils	26.3	24.4	24.8	26.7	27.2	26.8	26.3	26.9	26.1	28.7
Fresh fruits <sup>11</sup>	120.9	122.8	116.3	113.0	123.5	124.9	126.5	124.6	129.0	133.2
Canned fruit <sup>12</sup>	18.5	19.0	18.4	17.1	19.8	18.0	18.3	14.9	16.4	18.0
Dried fruit	3.3	3.3	3.1	3.0	2.8	3.0	3.0	2.8	2.8	2.7
Frozen fruit	3.4	3.7	3.5	3.5	3.8	3.4	2.9	4.2	3.9	3.2
Selected fruit juices <sup>13</sup>	68.3	70.5	66.2	66.6	63.6	74.9	71.6	75.6	75.3	75.2
Vegetables <sup>11</sup>										
Fresh	167.4	172.2	167.2	167.2	171.1	171.9	177.4	175.1	181.8	185.6
Canning	94.8	102.4	110.7	113.3	111.6	112.1	107.8	110.2	108.5	105.9
Freezing	64.2	67.6	66.8	72.7	70.8	75.1	79.5	79.9	83.9	81.5
Dehydrated and chips	27.5	28.2	29.0	31.2	30.1	31.0	30.7	30.0	33.1	33.6
Pulses	7.5	6.3	7.1	7.8	8.2	7.7	8.5	8.5	8.0	8.5
Peanuts (shelled)	6.9	7.0	6.0	6.5	6.2	6.0	5.8	5.7	5.7	5.8
Tree nuts (shelled)	2.3	2.2	2.4	2.2	2.2	2.2	2.3	1.9	2.0	2.2
Flour and cereal products <sup>14</sup>	175.5	174.5	182.0	183.6	186.2	191.0	194.1	192.5	198.4	200.1
Wheat flour	131.7	129.6	136.0	136.9	138.8	143.3	144.5	141.8	148.8	149.7
Rice (milled basis)	14.3	15.2	16.2	16.8	17.5	17.6	19.3	20.1	18.9	19.5
Caloric sweeteners <sup>15</sup>	132.7	133.1	137.0	138.0	141.2	144.4	147.4	149.9	150.3	--
Coffee (green bean equiv.)	9.8	10.1	10.3	10.3	10.0	9.1	8.2	8.0	8.9	9.3
Cocoa (chocolate liquor equiv.)	3.8	4.0	4.3	4.6	4.6	4.3	3.9	3.6	4.2	4.1

-- = Not available. 1. In pounds, retail weight unless otherwise stated. Consumption normally represents total supply minus exports, nonfood use, and ending stocks. Calendar-year data, except fresh citrus fruits, peanuts, tree nuts, and rice, which are on crop-year basis. 2. Totals may not add due to rounding. 3. Boneless, trimmed weight. Chicken series revised to exclude amount of ready-to-cook chicken going to pet food as well as some water leakage that occurs when chicken is cut up before packaging. 4. Excludes shipments to the U.S. territories. 5. Whole and part-skim milk cheese. Natural equivalent of cheese and cheese products. 6. Includes Swiss, Brick, Muenster, cream, Neufchatel, Blue, Gorgonzola, Edam, and Gouda. 7. Plain and flavored. 8. Plain and flavored, and buttermilk. 9. Heavy cream, light cream, half and half, eggnog, sour cream, and dip. 10. Includes condensed and evaporated milk and dry milk products. 11. Farm weight. 12. Excludes pineapples and berries. 13. Single strength equivalent. 14. Includes rye, corn, oat, and barley products. Excludes quantities used in alcoholic beverages, corn sweeteners, and fuel. 15. Dry weight equivalent. Information contact: Jane E. Allshouse (202) 694-5449